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Inventory of Power Plants in the United States 1988

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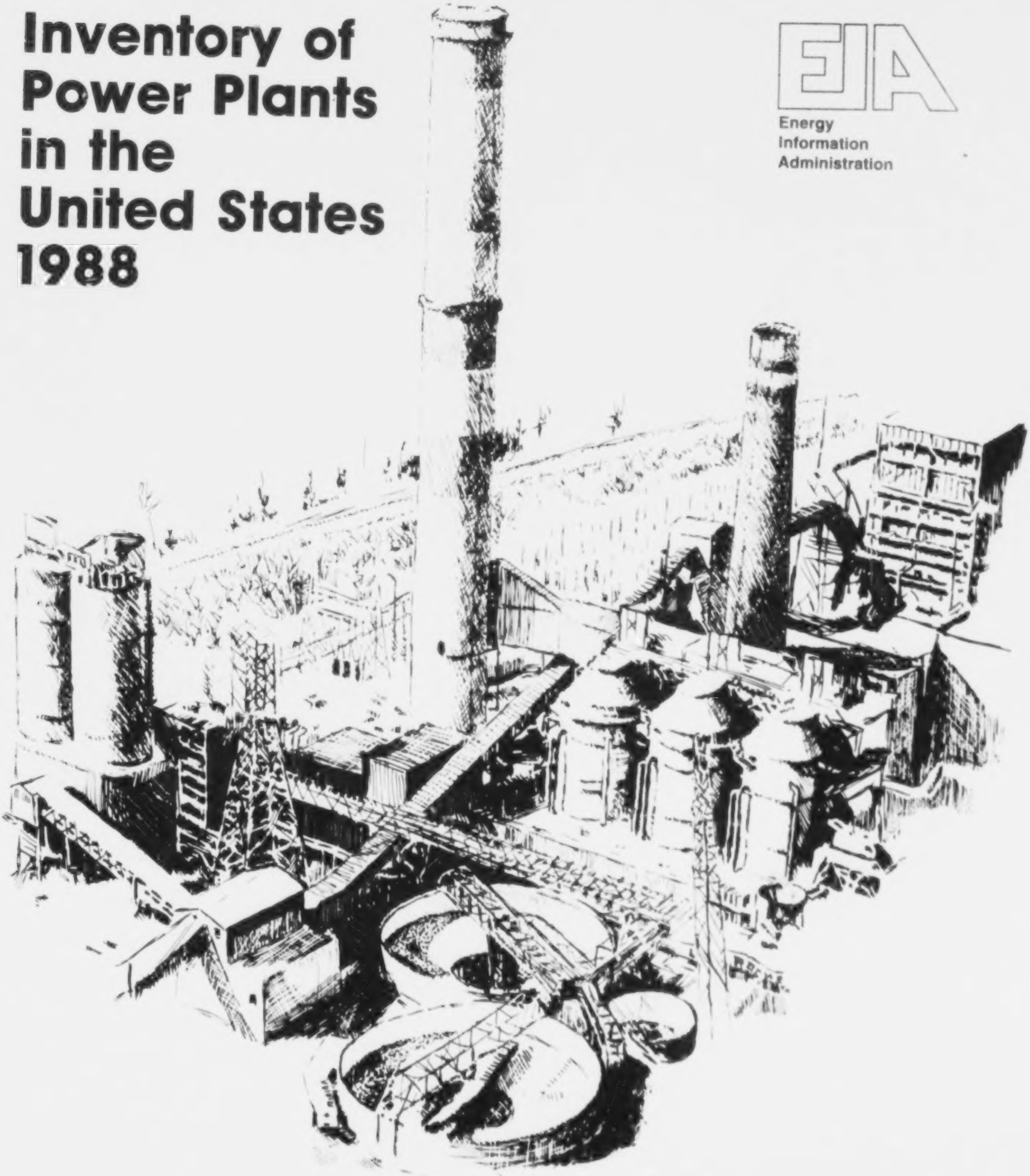

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Cover Photo

The net summer generating capability at electric power plants totaled more than 677 thousand megawatts in 1988.

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Inventory of Power Plants in the United States 1988

Energy Information Administration
Office of Coal, Nuclear, Electric
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U.S. Department of Energy
Washington, DC 20585

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1. Introduction

The *Inventory of Power Plants in the United States* is prepared annually by the Electric Power Division, Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA), U.S. Department of Energy (DOE).

The purpose of this publication is to provide year-end statistics about electric generating units in operation and to provide a 10-year outlook of future generating unit additions by electric utilities in the United States (the 50 States and the District of Columbia) and Puerto Rico. Data summarized in this report are useful to a wide audience including Congress, Federal and State agencies, the electric utility industry, and the general public. The data presented in this report were assembled and published by the EIA, to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (Public Law 93-275) as amended. The report is organized into the following chapters:

Summary Statistics

Operable Electric Generating Units

Projected Electric Generating Unit Additions.

Statistics presented in these chapters reflect the status of electric generating units as of December 31, 1988. The Summary Statistics chapter contains aggregate capacity statistics at the national and various regional levels for operable electric generating units and planned electric generating unit additions. Aggregate capacity data at the national level are presented by energy source and by prime mover. Aggregate capacity data at the various regional levels are presented by primary energy source. Planned capacity additions are summarized by year, 1989 through 1998. Additionally, this chapter contains a summary of electric generating unit retirements, by energy source and year, projected to occur from 1989 through 1998. The chapter on Operable Electric Generating Units contains data about each operable electric generating unit and each electric generating unit that was retired from service during the year. Additionally, it contains a summary by energy source of electric generating unit capacity additions and retirements during 1988 by energy source. Finally, the Projected Electric Generating Unit Additions chapter contains data about each electric generating unit scheduled by electric utilities to start operation between 1989 and 1998. These projected generating unit additions are new units planned for electric utility operation only. This publication does not contain statistics about modifications to generating units within existing (operable) plants, and therefore does not address changes in capability that may result from modifications to existing generating units over the next 10 years. Also, this publication does not contain nonutility generating capacity. Thus, projects developed under the Public Utility Regulatory Policies Act of 1978 are not included in this report.

The aggregate statistics presented in the Summary Statistics include data for the 50 States and the District of Columbia. The detailed generator level data include all power plants operated in the United States and Puerto Rico. Those plants operated by the Puerto Rico Electric Power Authority are contained under the heading, "Puerto Rico."

The detailed data include the name of the electric utility which operates the unit, the location of the unit, its primary and alternate energy sources, its installed generator nameplate capacity, its net summer capability, its net winter capability, and the initial year of operation. Data are organized alphabetically by State and electric utility. Since the 1985 publication of *Inventory of Power Plants in the United States*, the Energy Information Administration has chosen to use net summer capability as its statistic for measuring electric generator capacity. Therefore, all discussion of electric generating capacity in this publication is based on the use of net summer capability data, unless specified otherwise. Additionally, any discussion of electric generating capacity by energy source is based on the primary energy source used to produce electricity by the respective generating units.

Updates made during the past year for inclusion in this publication are as follows: (1) Updates that reflect construction or modification within power plants or changes in power plant operations during the reporting year. (These changes include the installation of new generators; the retirement of existing generators; the projected addition of new generators; the use of a primary energy source for dual-fired units different from that which has been reported in the past; and the modification of generators, such as the rewinding of stators or the retrofitting of associated generator equipment.) (2) Corrections to previously reported data that were incorrect. (3) Deletion of respondents that are no longer the operators or the proposed operators of power plants. (4) Deletion or addition of capacity when electric utilities' sales and acquisitions are made to and from nonutilities.

Sources of Data

Data published in the *Inventory of Power Plants in the United States* (IPP) were compiled from Form EIA-860, "Annual Electric Generator Report," filed annually with the EIA by electric utilities. For a description of the data submitted on this form, see "Sources of Data" of the Technical Notes, Appendix A.

Coverage of Sources

The Form EIA-860 data represent 100 percent coverage of all electric utilities that operate power plants in the United States and Puerto Rico.

Adjustments to Collected Data

Data on generator nameplate capacity, net summer capability, and net winter capability for operable electric generating units are published as reported on Form EIA-860, "Annual Electric Generator Report."

Estimates of net summer capability and net winter capability are made for operable nonnuclear electric generating units with no reported capability and for all electric generating units that are under construction or in the planning stage that are not nuclear or coal-fired. These estimates are developed using a statistical relationship that exists between the capability (summer and winter) and installed generator nameplate capacity for units that were in commercial operation as of the end of 1984. For a description of the relationships, see "Explanatory Notes" of the Technical Notes, Appendix A.

Date of initial operation was first requested on Form EIA-860 and published in the IPP for the 1986 reporting year. Prior to 1986 the date of commercial operation was reported and published. In instances when the year the electric generating unit is first available to provide power to the grid is unknown, estimates are made using a set of assumptions that refer to the length of the testing period for the unit just prior to the time it began commercial operation. The following assumptions are used to determine year of initial operation based on the date of initial commercial operation. Gas-turbine and internal combustion units are available to provide power to the grid 1 month prior to the date they are declared in commercial operation; a hydroelectric unit is available 3 months prior to commercial operation. For nonnuclear steam-electric generating units, a unit that started commercial operation prior to 1961 was available to provide power to the grid 1 month prior to commercial operation; a unit that started commercial operation between 1961 and 1970 was available to provide power to the grid 2 months prior to commercial operation; a unit that started commercial operation between 1971 and 1979 was available to provide power to the grid 3 months prior to commercial operation; a unit that started commercial operation after 1979 was available 4 months prior to commercial operation. If the month of initial commercial operation is not known, the year of initial commercial operation is the estimated initial year of operation. Estimates for nuclear steam-electric plants are not made since their initial year of operation is known. Indicators for these estimated data exist in the data files.

Appendices

Appendix A contains a detailed description of the data collection system used in preparing this publication. The notes also explain data quality, critical differences in the data, rules for data rounding, and other relevant items. Copies of the data are available to the public. See "Obtaining Copies of Data" of the Technical Notes, Appendix A, for further information.

Appendix B contains definitions of terms and codes, and provides a cross reference of States, Federal regions, North American Electric Reliability Council (NERC) regions, and Census divisions.

Appendix C indicates ownership status for each electric generating unit jointly owned, proposed to be jointly owned, wholly owned by a company other than the company that operates the unit, or proposed to be wholly owned by a company other than the proposed operator of the unit.

The maps in Appendix D show the geographic boundaries of the NERC, Federal, and Census regions.

Glossary

A glossary of terms used in this report has been included to assist nontechnical as well as technical users in understanding the statistical data in this publication. The use of these terms is described in "Use of the Glossary" of the Technical Notes, Appendix A.

2. Summary Statistics

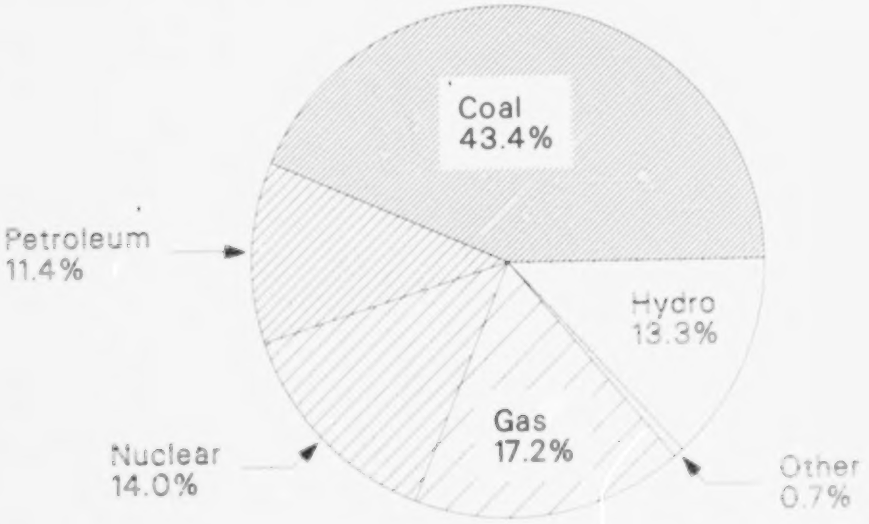
Operable Capacity

The Nation's electric generating capacity totaled 677,654 megawatts, as of year-end 1988. Approximately 2 percent (14,678 megawatts) of this total was in standby status and another 1.5 percent (10,400 megawatts) was down for an extended period for various reasons. Half of the 10,400 megawatts (5,281 megawatts) were five nuclear units. In addition, the Department of Energy's 840-megawatt Hanford-N nuclear plant, operated by Washington Public Power Supply System, was placed in cold standby in 1983. Data related to the Hanford-N plant are not included in this publication since the plant is unlikely to restart operation before its scheduled retirement date of 1995.

Coal-fired capacity (including capacity fueled by lignite) accounted for 43.4 percent of operable capacity, as of year-end 1988. Gas-fired capacity ranked next, accounting for 17.2 percent of operable capacity; nuclear accounted for 14.0 percent; hydroelectric, 13.3 percent; petroleum-fired, 11.4 percent; and other, 0.7 percent.

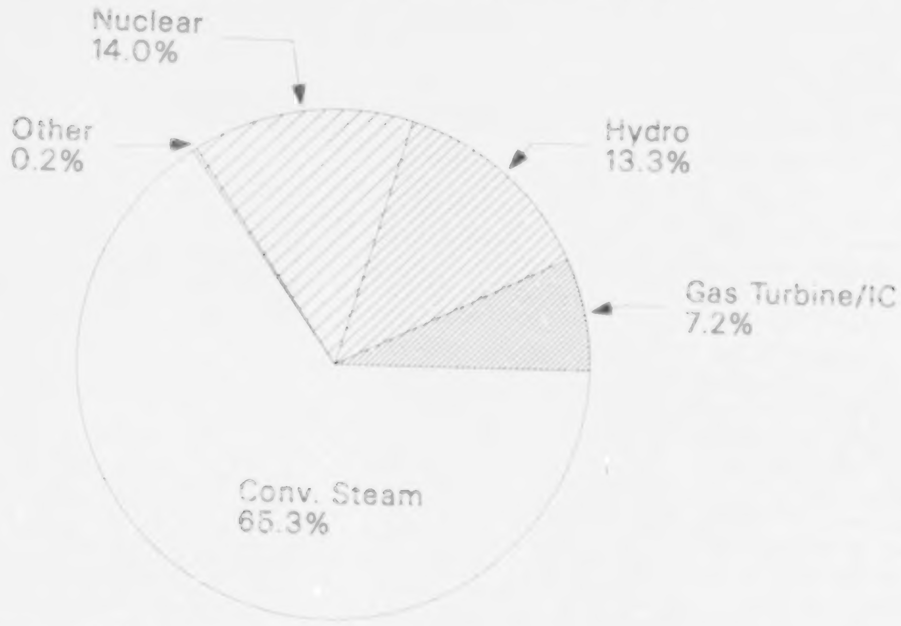
Conventional steam-electric capacity accounted for 65.3 percent of year-end 1988 capacity. The 442,395 megawatts of conventional steam-electric capacity (Table 4) include 294,247 megawatts of coal-fired capacity; 51,220 megawatts of petroleum-fired capacity; and 94,202 megawatts of gas-fired capacity (Table 2). The remaining 2,726 megawatts of capacity are in units primarily using waste heat or steam, refuse, and wood.

Figure 1. Percent Generating Capability by Energy Source, as of December 31, 1988



Note: Other includes geothermal, refuse, steam, solar, waste heat, wind, and wood.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 2. Percent Generating Capability by Prime Mover, as of December 31, 1988



Notes: Other includes geothermal, solar, and wind.
IC is internal combustion.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Modifications for fuel changes were completed in some steam-electric plants during 1988. Tucson Electric Power Company's Irvington plant, unit 4 (156 megawatts) was converted from natural gas and petroleum to coal. Baltimore Gas and Electric Company's Herbert A Wagner, unit 2 (134 megawatts) was converted from petroleum to coal. Several previously retired units were reactivated in 1988 after being rehabilitated. These reactivated units include Kansas City Power and Light Company's four Grand Avenue steam units (93 megawatts) and Connecticut Light and Power Company's Branford gas turbine unit (16 megawatts).

Capacity Additions and Retirements in 1988

Total capacity (5,221 megawatts) in new generating units brought on line during 1988 was 52 percent less than comparable new capacity brought on line in 1987. Only three coal-fired units started operation in 1988, a record low since the early 1930's. The coal-fired units were St. Johns River unit 2 (624 megawatts) in Florida, operated by Jacksonville Electric Authority; Scherer unit 4 (755 megawatts) in Georgia, operated by Georgia Power Company; and Sam Seymour unit 3 (405 megawatts) in Texas, operated by Lower Colorado River Authority. Two nuclear units received Full Power Operating Licenses in 1988: Braidwood unit 2 in Illinois, operated by Commonwealth Edison Company; and South Texas unit 1, operated by Houston Lighting and Power. The South Texas unit 1 is the first nuclear unit to operate in the State of Texas. These five steam-electric plants represent 79 percent of the capacity added in 1988. The remaining 21 percent was in hydroelectric, gas turbine, internal combustion, geothermal, and combined-cycle units, with one petroleum-fired steam-electric unit added. Hawaii Electric Light Company converted a biomass plant to No. 6 Fuel Oil. This plant was previously operated by an industrial (Table 17).

Electric utilities retired 828 megawatts of capacity in 1988, 55 percent less than was retired in 1987. Eighty-eight percent of the capacity retired was in 17 steam-electric units with an average size of 43 megawatts. The remaining 12 percent was in internal combustion, gas turbine, hydroelectric, wind (Pacific Gas and Electric Company's Solano unit 1 in California and Madison Gas and Electric Company's Sprecher unit 1 in Wisconsin), and solar (Southern California Edison Company's Solar unit 1 in California) units.

Projections

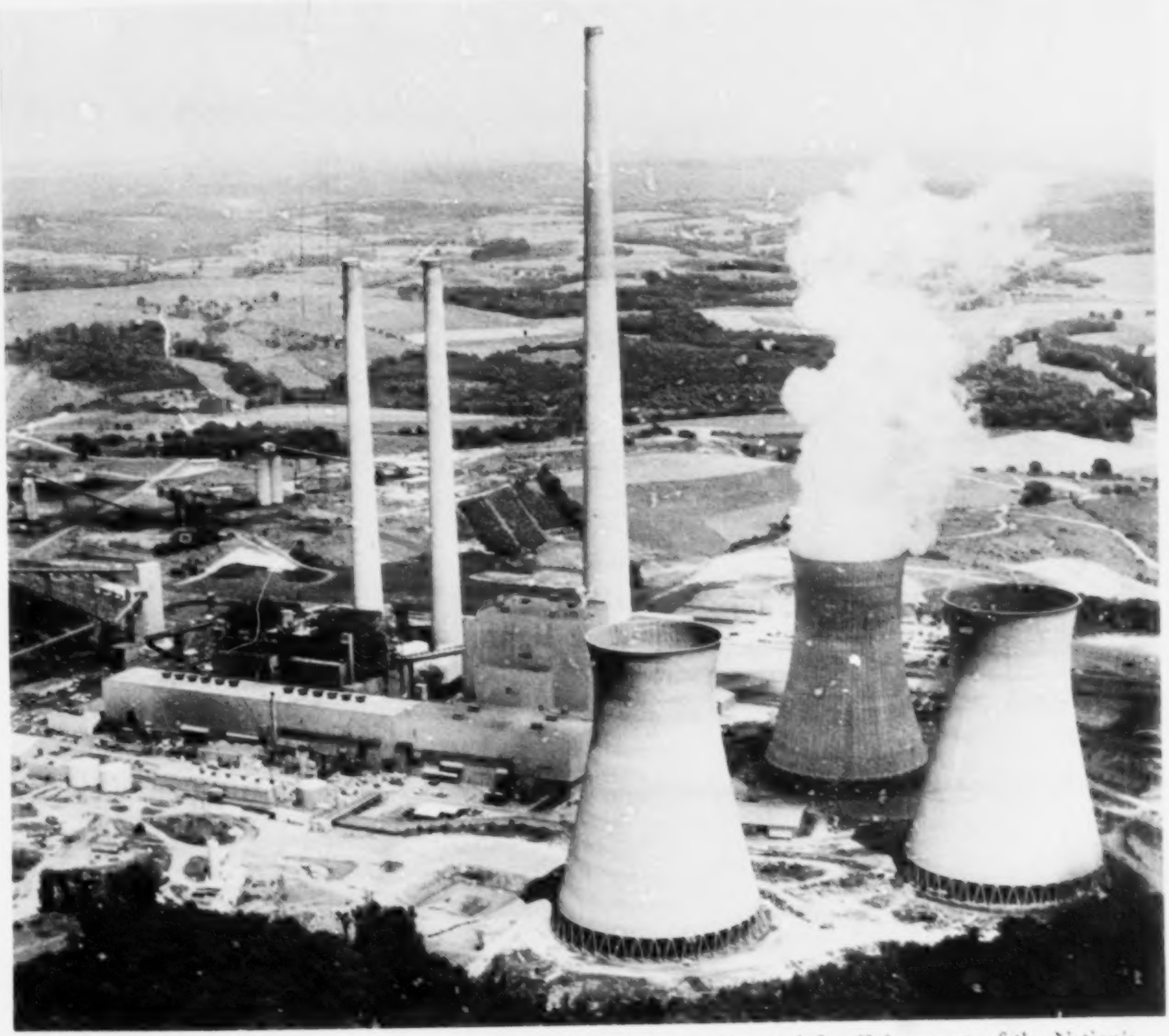
Planned capacity additions for the 1989 through 1998 period total 39,733 megawatts. Nuclear capacity dominates capacity additions for the next 3 years, but drops considerably after 1991. Only 9 more nuclear units are scheduled to start operation by 1998. Large baseload capacity added after 1991 will be primarily coal-fired. While the 10-year forecast shows a shift away from new coal-fired additions, it also clearly shows a shift to petroleum and gas-fired capacity additions as utilities plan to install smaller, less costly units, such as gas turbine and combined-cycle units.

Other alternatives that electric utilities have opted for in lieu of building large baseload capacity are repowering and life extension of existing plants, purchases of nonutility capacity, and load management programs.

Electric utilities have postponed indefinitely or delayed the construction of 5,767 megawatts (generator nameplate) of large baseload capacity included in the 1988 through 1997 forecast period. An additional 630 megawatts (generator nameplate) were canceled.

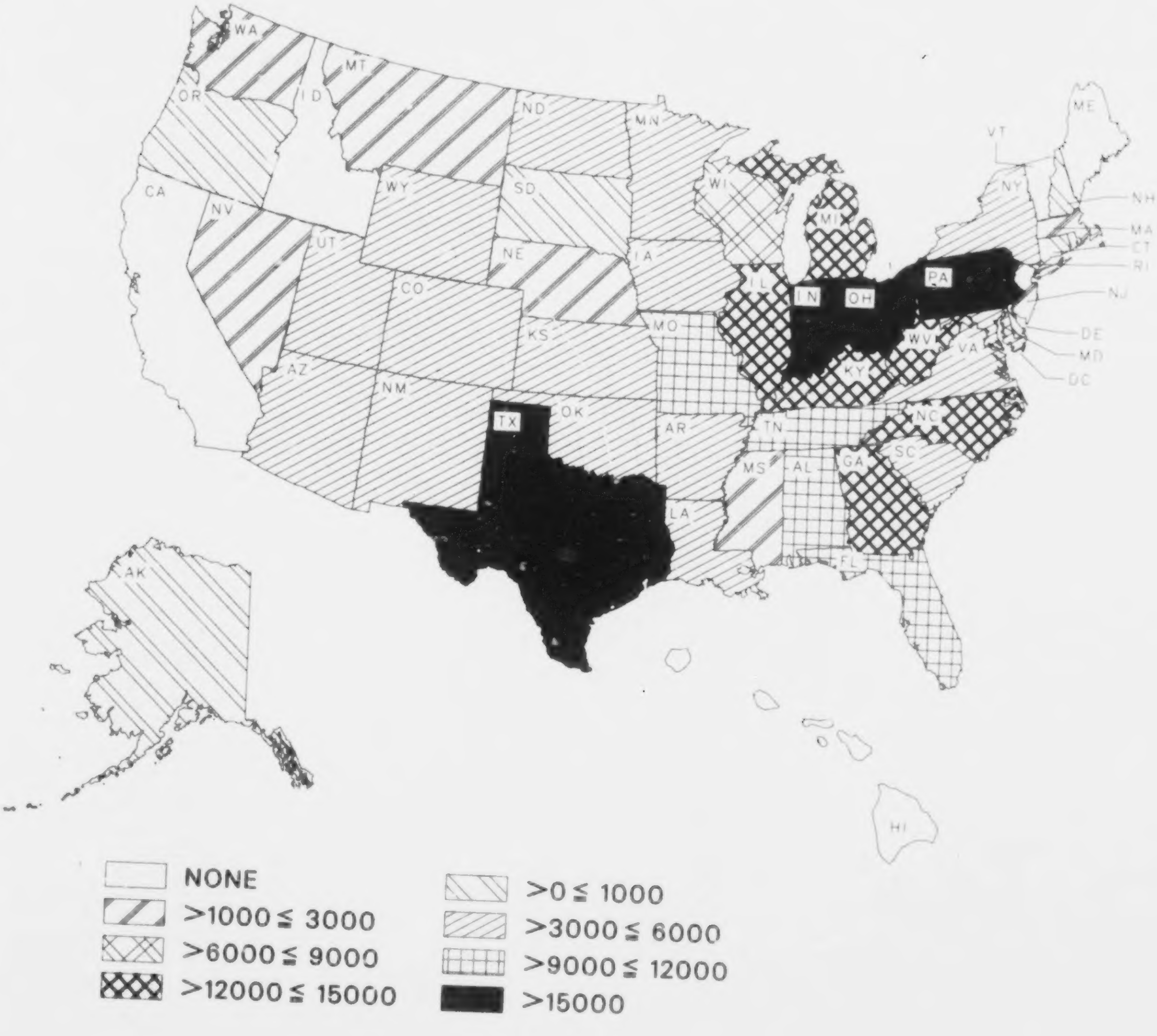
Electric utilities have scheduled 6,437 megawatts of generating capacity for retirement over the next decade, 32 percent less than projected retirements reported last year. Eighty-one percent of this projected capacity retirement is in petroleum-fired and gas-fired units. (Tables 9 through 12).

Summary data on operable capacity, planned capacity additions, and planned capacity retirements are contained in Tables 1 through 16 of this chapter.



Coal-fired capacity at electric power plants in the United States accounted for 43.4 percent of the Nation's total generating capacity, as of year-end 1988.

Figure 3. Coal-Fired Generating Capability, as of December 31, 1988 (Megawatts)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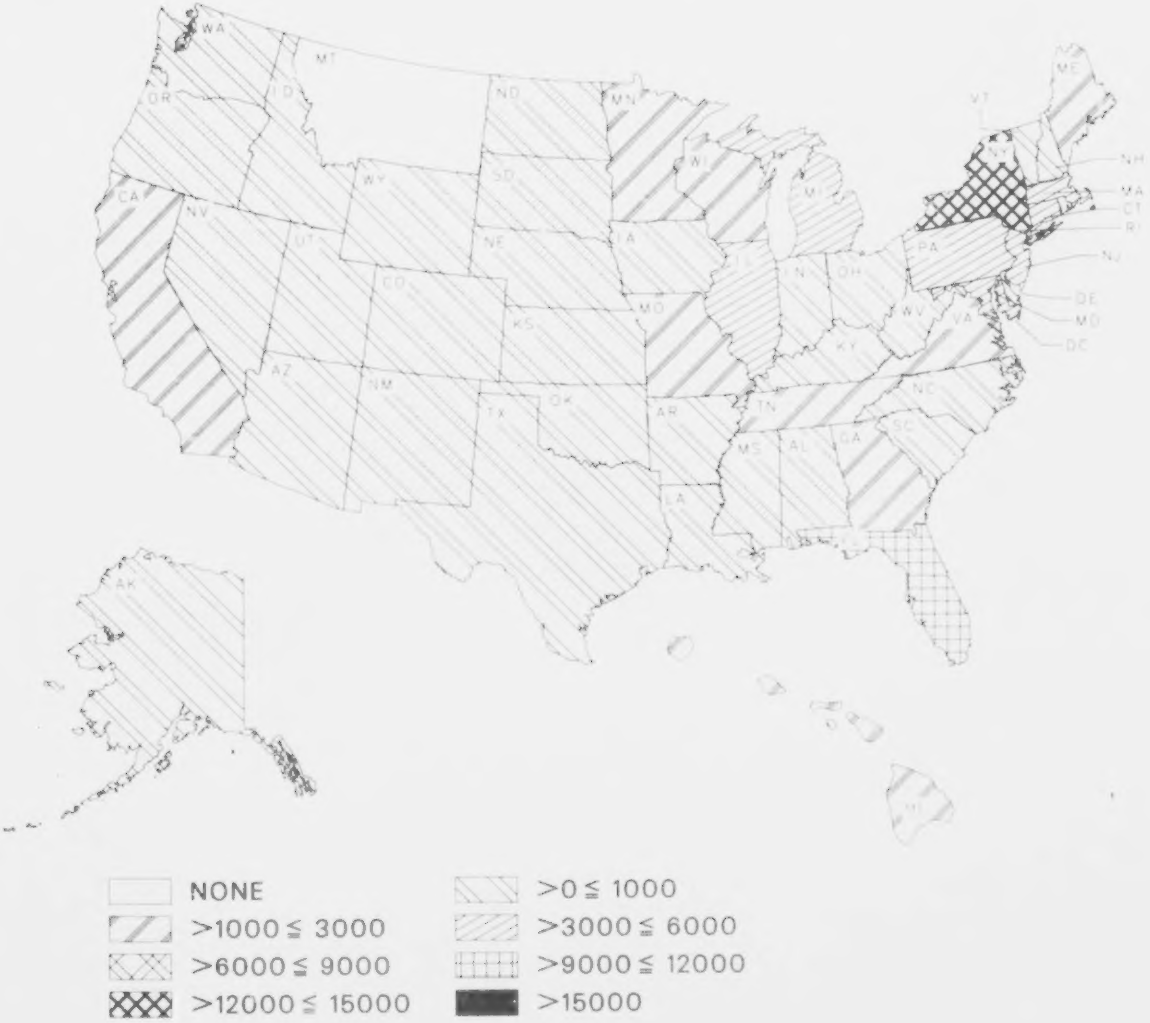
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 4. Petroleum-Fired Generating Capability, as of December 31, 1988 (Megawatts)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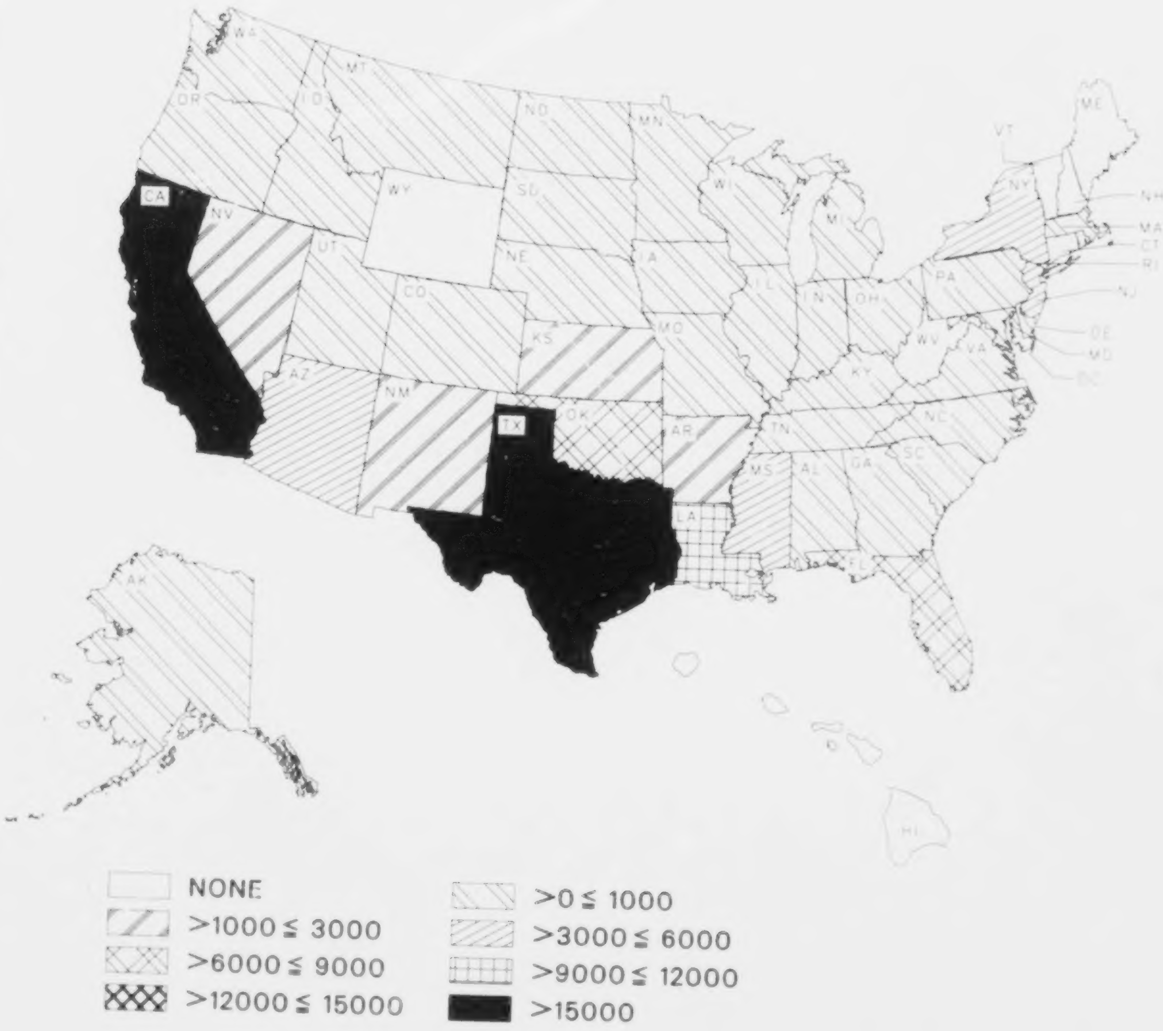
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 5. Gas-fired Generating Capability, as December 31, 1988
(Megawatts)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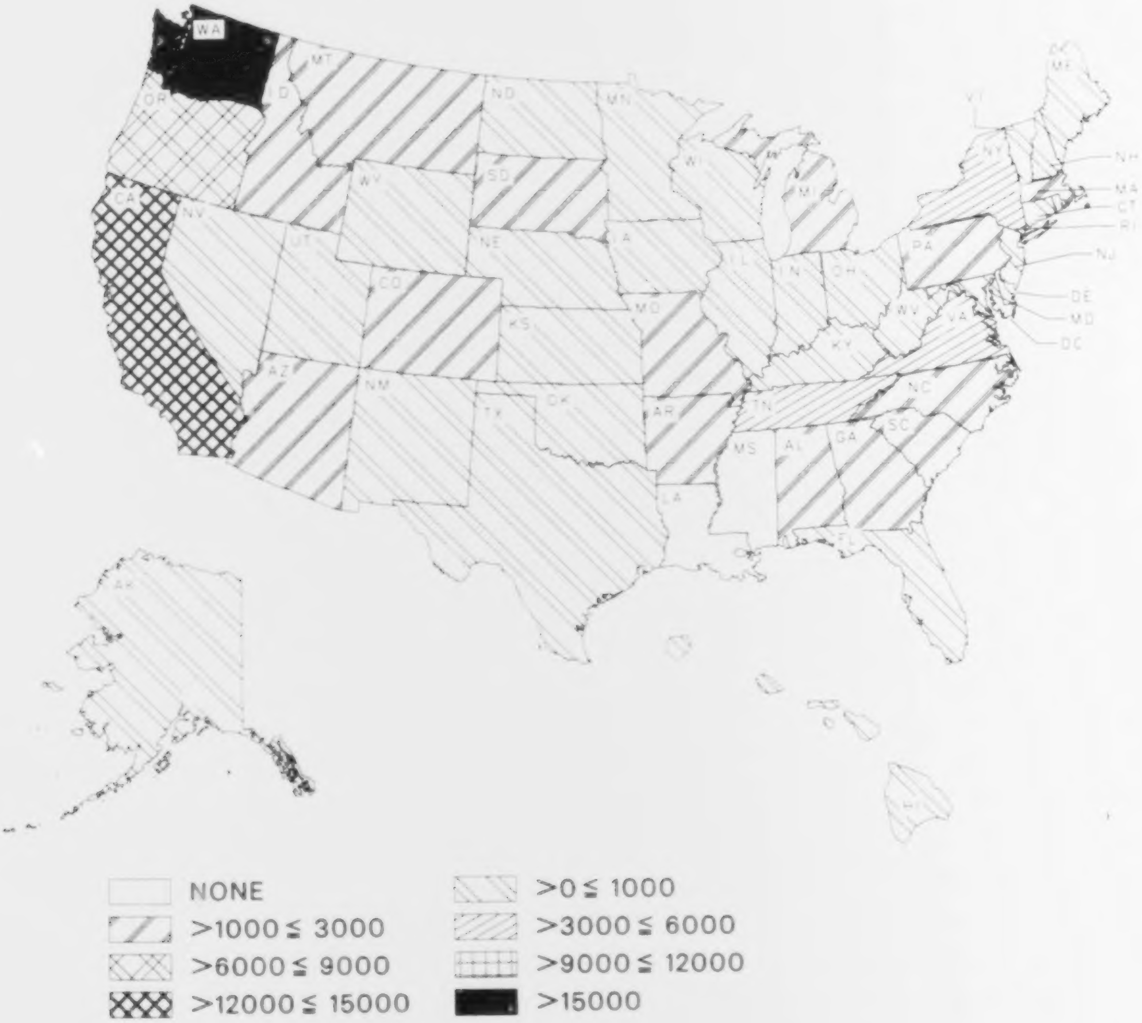
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 6. **Hydroelectric Generating Capability, as of December 31, 1988**
(Megawatts)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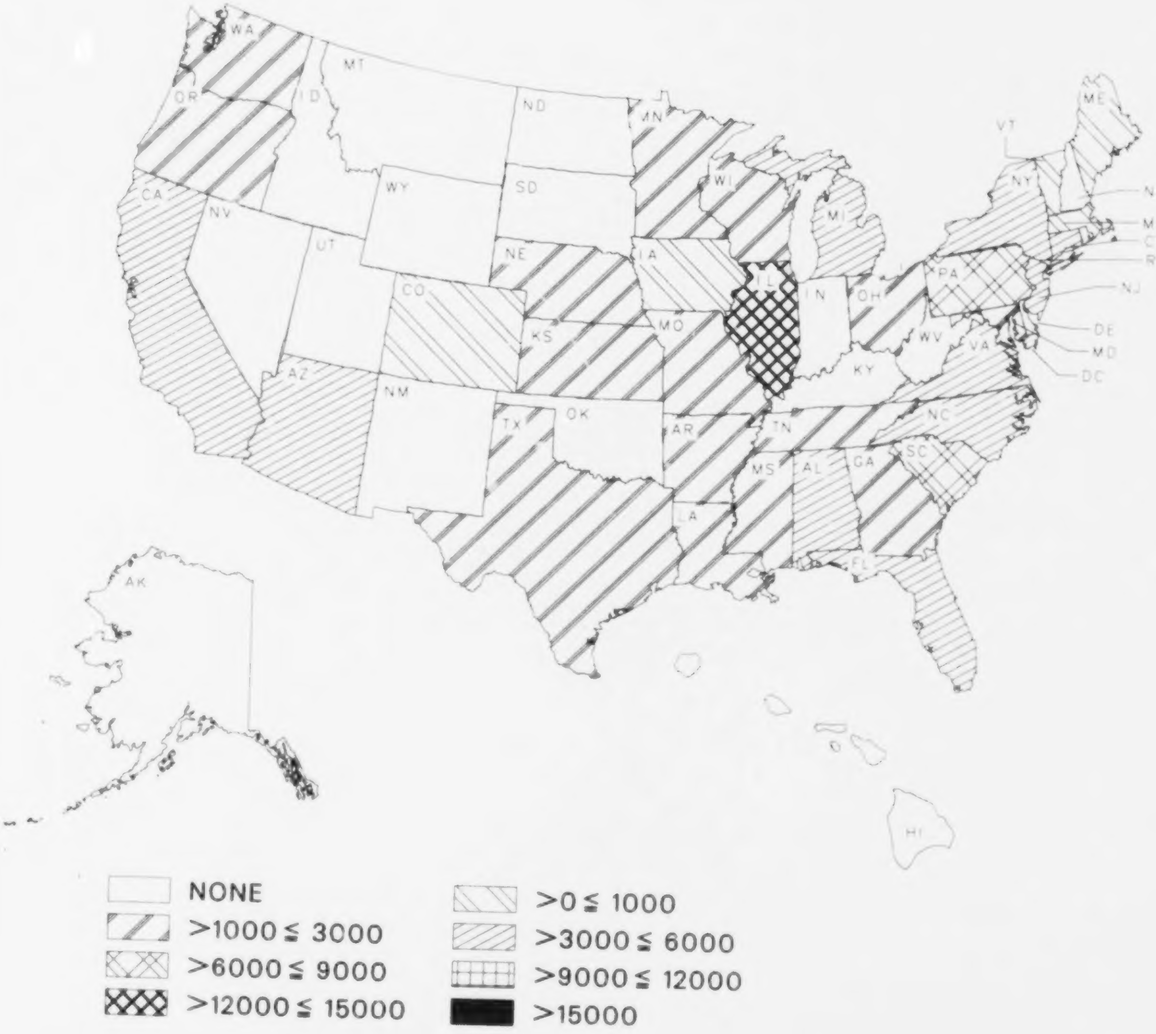
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 7. Nuclear Generating Capability, as of December 31, 1988
(Megawatts)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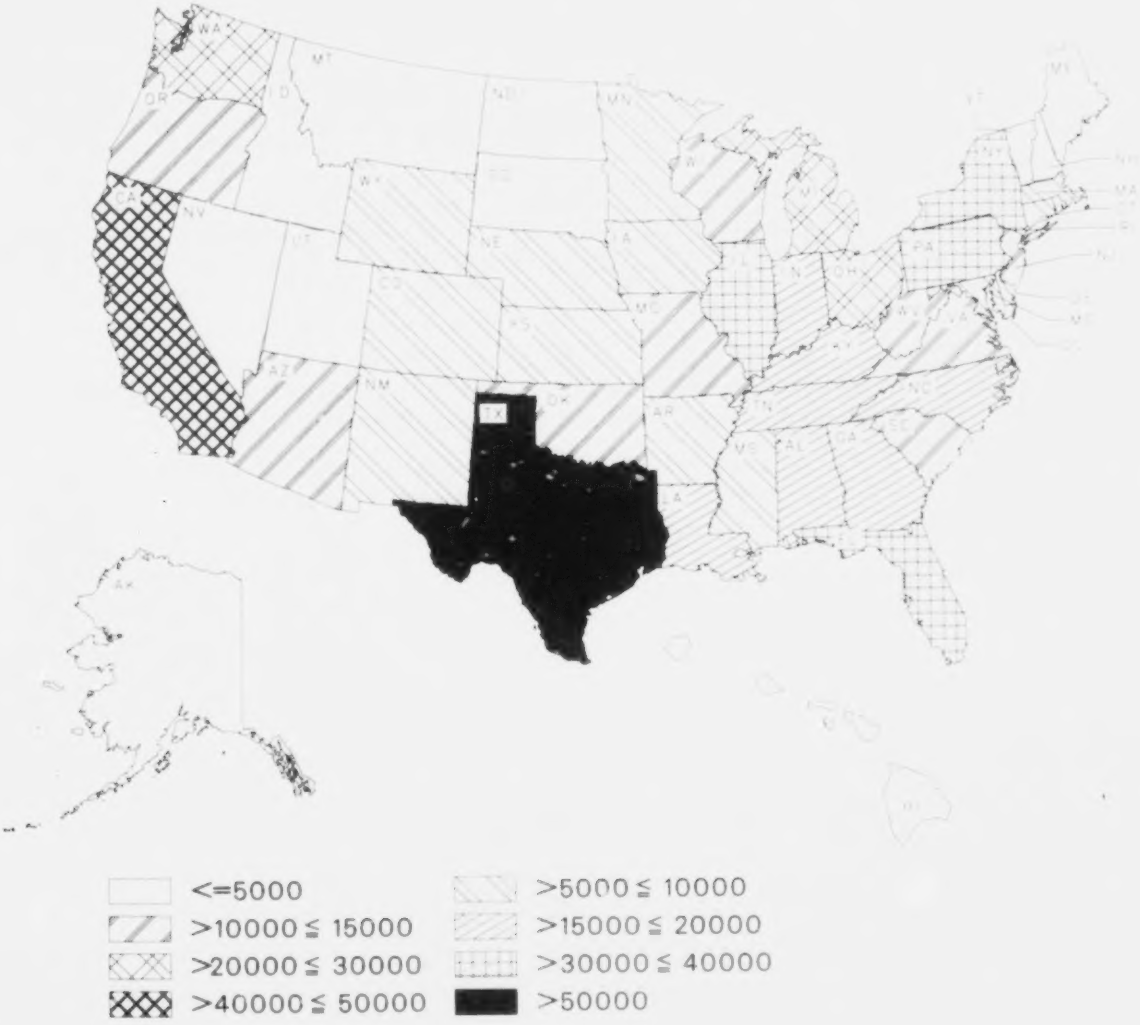
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Figure 8. U.S. Generating Capability, as of December 31, 1988
(Megawatts)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Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 1. U.S. Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988

Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
U.S. Total	**10,305**	**723,852**	**677,654**	**688,534**	**301**	**44,206**	**39,733**	**44,779**
Coal	1,267	317,934	294,247	296,255	29	15,593	14,562	14,599
Petroleum	3,354	85,981	77,572	83,122	56	3,746	3,026	3,565
Gas	1,966	124,885	116,386	119,765	101	10,419	8,423	9,606
Water	3,496	86,886	90,284	89,063	89	2,919	3,028	6,267
Nuclear	108	103,397	94,695	95,746	9	10,681	9,990	9,997
Other	114	4,769	4,470	4,584	17	849	704	745
Geothermal	26	1,861	1,667	1,673	1	10	9	10
Refuse	12	230	200	204	2	16	14	18
Steam	1	37	29	29	1	2	2	2
Sun	6	2	2	2	3	3	3	3
Waste Heat	41	2,411	2,346	2,446	10	818	675	712
Wind	17	4	4	4	–	–	–	–
Wood	11	223	221	225	–	–	–	–

[1] Planned additions are for 1989 through 1998.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 2. U.S. Fossil-Fueled Operable Capacity and Planned Fossil-Fueled Capacity Additions by Prime Mover and Primary Energy Source, as of December 1988

Prime Mover Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
U.S. Total	**6,587**	**528,800**	**488,205**	**499,142**	**186**	**29,757**	**26,011**	**27,770**
Steam	**2,323**	**471,173**	**439,669**	**442,485**	**31**	**15,768**	**14,707**	**14,753**
Coal	1,267	317,934	294,247	296,255	29	15,593	14,562	14,599
Petroleum	350	54,731	51,220	51,729	–	–	–	–
Gas	706	98,508	94,202	94,502	[2] 2	175	145	154
Gas Turbine/ Internal Combustion	**4,264**	**57,627**	**48,536**	**56,656**	**155**	**13,990**	**11,304**	**13,017**
Petroleum	3,004	31,250	26,352	31,393	56	3,746	3,026	3,565
Gas	1,260	26,377	22,184	25,263	99	10,244	8,278	9,452

[1] Planned additions are for 1989 through 1998.

[2] Combined cycle units with supplementary firing.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. U.S. Fossil-Fueled Steam-Electric and Nuclear Steam-Electric Operable Capacity and Planned Capacity Additions, as of December 1988

Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
U.S. Total	**2,431**	**574,570**	**534,364**	**538,231**	40	**26,448**	**24,697**	**24,750**
Coal	1,267	317,934	294,247	296,255	29	15,593	14,562	14,599
Petroleum	350	54,731	51,220	51,729	–	–	–	–
Gas	706	98,508	94,202	94,502	[2] 2	175	145	154
Nuclear	108	103,397	94,695	95,746	9	10,681	9,990	9,997

[1] Planned additions are for 1989 through 1998.

[2] Combined cycle units with supplementary firing.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 4. U.S. Operable Capacity by Prime Mover and Energy Source Category, as of December 1988

Prime Mover Energy Source	Operable Capacity			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
U.S. Total	**10,305**	**723,852**	**677,654**	**688,534**
Steam	**2,383**	**473,984**	**442,395**	**445,302**
Coal Only	937	259,662	240,232	242,018
Other Solids Only[1]	5	78	75	78
Petroleum Only	213	35,814	33,657	34,044
Gas Only	89	11,269	10,732	10,761
Other Solids/Coal[1]	12	377	347	347
Solids/Petroleum[2]	126	28,541	26,608	26,683
Solids/Gas[2]	195	26,947	24,907	25,042
Solids/Petroleum/Gas[2]	32	3,360	3,054	3,073
Petroleum/Gas	734	105,578	100,476	100,867
Other[3]	40	2,359	2,307	2,389
Gas Turbine	**1,397**	**52,686**	**43,930**	**51,971**
Petroleum Only	627	23,440	19,460	23,841
Gas Only	104	3,203	2,696	3,017
Petroleum/Gas	664	25,953	21,707	25,028
Other[3]	2	89	68	86
Internal Combustion	**2,872**	**5,032**	**4,676**	**4,773**
Petroleum Only	1,683	2,577	2,445	2,503
Gas Only	24	36	31	32
Petroleum/Gas	1,162	2,417	2,198	2,237
Other Solids Only[1]	3	2	2	2
Nuclear	**108**	**103,397**	**94,695**	**95,746**
Hydroelectric	**3,496**	**86,886**	**90,284**	**89,063**
Geothermal	**26**	**1,861**	**1,667**	**1,673**
Solar	**6**	**2**	**2**	**2**
Wind	**17**	**4**	**4**	**4**

[1] Other Solids include wood and refuse.

[2] Solids include Coal, Wood and Refuse.

[3] Other includes waste heat and steam.

Notes: •Total may not equal the sum of components because of independent rounding. •This table does not present "fuel switching" capability. •Sufficient data are not available to determine which units can burn more than one energy source as a primary energy source. •This table is a summary of the energy sources used by respondents during the year.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. U.S. Planned Capacity Additions by Year, as of December 1988

Year	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total	**301**	**44,206**	**39,733**	**44,779**
1989	73	9,773	9,044	9,337
1990	33	2,722	2,515	2,569
1991	31	5,948	5,597	5,660
1992	24	2,860	2,642	4,005
1993	35	2,000	1,729	2,242
1994	18	2,942	2,614	2,898
1995	26	7,427	6,570	8,101
1996	29	4,814	4,071	4,593
1997	16	3,913	3,423	3,688
1998	16	1,806	1,529	1,685

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 6. U.S. Planned Coal and Petroleum-Fired Capacity Additions by Year, as of December 1988

Year	Coal				Petroleum			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total	**29**	**15,593**	**14,562**	**14,599**	**56**	**3,746**	**3,026**	**3,565**
1989	3	2,028	1,991	1,991	27	743	616	738
1990	3	1,103	1,011	1,011	9	219	184	220
1991	5	2,617	2,489	2,489	1	105	86	103
1992	2	1,231	1,138	1,168	3	85	71	85
1993	–	–	–	–	3	23	21	24
1994	2	1,613	1,500	1,500	2	203	166	183
1995	5	2,401	2,212	2,212	3	273	224	252
1996	3	1,707	1,553	1,560	5	1,096	869	1,028
1997	5	2,167	2,023	2,023	2	875	687	825
1998	1	727	645	645	1	125	102	106

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 7. U.S. Planned Gas-Fired and Hydroelectric Capacity Additions by Year, as of December 1988

Year	Gas				Hydroelectric			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total	**101**	**10,419**	**8,423**	**9,606**	**89**	**2,919**	**3,028**	**6,267**
1989	20	1,067	883	1,059	16	99	105	100
1990	4	174	143	151	13	51	52	50
1991	7	400	329	395	15	341	372	352
1992	7	628	511	577	9	817	838	2,083
1993	14	1,330	1,083	1,171	15	417	434	842
1994	6	841	673	721	7	195	200	414
1995	9	2,337	1,839	2,012	7	906	933	2,263
1996	18	1,917	1,559	1,844	2	60	61	129
1997	6	814	660	784	2	23	25	24
1998	10	911	743	892	3	9	9	9

Note: Total may not equal the sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 8. U.S. Planned Nuclear and Other Capacity Additions by Year, as of December 1988

Year	Nuclear				Other			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total	**9**	**10,681**	**9,990**	**9,997**	**17**	**849**	**704**	**745**
1989	5	5,834	5,445	5,445	2	3	3	3
1990	1	1,092	1,055	1,062	3	83	71	75
1991	2	2,485	2,320	2,320	1	1	1	1
1992	–	–	–	–	3	100	84	92
1993	–	–	–	–	3	230	192	205
1994	–	–	–	–	1	90	75	79
1995	1	1,270	1,170	1,170	1	240	191	192
1996	–	–	–	–	1	34	29	33
1997	–	–	–	–	1	34	29	33
1998	–	–	–	–	1	34	29	33

Note: Total may not equal the sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 9. U.S. Planned Capacity Retirements by Year, as of December 1988

Year	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total	**222**	**6,969**	**6,437**	**6,622**
1989	26	631	514	532
1990	54	839	801	808
1991	34	1,086	1,011	1,054
1992	10	294	291	327
1993	16	1,056	971	975
1994	22	777	732	750
1995	23	633	592	602
1996	12	499	426	436
1997	13	568	548	578
1998	12	585	551	559

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 10. U.S. Planned Coal and Petroleum-Fired Capacity Retirements by Year, as of December 1988

Year	Coal				Petroleum			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total	**27**	**1,329**	**1,169**	**1,174**	**76**	**1,560**	**1,428**	**1,565**
1989	9	540	443	443	6	73	54	72
1990	6	144	150	153	20	173	158	162
1991	1	8	8	8	14	381	347	386
1992	–	–	–	–	7	240	238	273
1993	–	–	–	–	5	214	200	204
1994	–	–	–	–	7	82	78	78
1995	3	100	95	95	8	171	143	153
1996	4	369	322	322	4	2	2	2
1997	2	78	67	68	3	100	95	125
1998	2	92	86	86	2	125	111	111

Note: Total may not equal the sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 11. U.S. Planned Gas-Fired and Hydroelectric Capacity Retirements by Year, as of December 1988

Year	Gas				Hydroelectric			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total	**95**	**3,988**	**3,757**	**3,800**	**20**	**19**	**14**	**15**
1989	10	18	17	17	–	–	–	–
1990	12	442	419	419	13	8	5	6
1991	12	686	646	651	7	11	9	9
1992	3	54	53	55	–	–	–	–
1993	11	844	771	771	–	–	–	–
1994	15	695	654	672	–	–	–	–
1995	12	362	354	354	–	–	–	–
1996	4	128	103	113	–	–	–	–
1997	8	391	386	386	–	–	–	–
1998	8	368	354	362	–	–	–	–

Note: Total may not equal the sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 12. U.S. Planned Nuclear and Other Capacity Retirements by Year, as of December 1988

Year	Nuclear				Other			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Total	–	–	–	–	**4**	**73**	**69**	**69**
1989	–	–	–	–	1	*	*	*
1990	–	–	–	–	3	73	69	69
1991	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
1993	–	–	–	–	–	–	–	–
1994	–	–	–	–	–	–	–	–
1995	–	–	–	–	–	–	–	–
1996	–	–	–	–	–	–	–	–
1997	–	–	–	–	–	–	–	–
1998	–	–	–	–	–	–	–	–

* Capacity less than 0.5 megawatts.
Note: Other includes geothermal, refuse, solar, waste heat, wind, and wood.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 13. North American Electric Reliability Council Region Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988

NERC Region Primary Energy Source	Operable Capacity[1]				Planned Additions[1] [2]			
	Number of Units	Generator Nameplate (Megawatts)	Summer Capability (Megawatts)	Winter Capability (Megawatts)	Number of Units	Generator Nameplate (Megawatts)	Summer Capability (Megawatts)	Winter Capability (Megawatts)
U.S. Total	**10,305**	**723,852**	**677,654**	**688,534**	**301**	**44,206**	**39,733**	**44,779**
Coal	1,267	317,934	294,247	296,255	29	15,593	14,562	14,599
Petroleum	3,354	85,981	77,572	83,122	56	3,746	3,026	3,565
Gas	1,966	124,885	116,386	119,765	101	10,419	8,423	9,606
Water	3,496	86,886	90,284	89,063	89	2,919	3,028	6,267
Nuclear	108	103,397	94,695	95,746	9	10,681	9,990	9,997
Other	114	4,769	4,470	4,584	17	849	704	745
ASCC	**395**	**1,714**	**1,504**	**1,649**	**4**	**32**	**35**	**33**
Coal	5	54	56	56	–	–	–	–
Petroleum	323	537	502	544	–	–	–	–
Gas	21	814	662	755	–	–	–	–
Water	41	209	203	203	4	32	35	33
Nuclear	–	–	–	–	–	–	–	–
Other	5	102	81	92	–	–	–	–
ECAR	**1,151**	**109,735**	**101,257**	**102,874**	**24**	**4,315**	**4,098**	**4,274**
Coal	379	88,119	81,398	82,280	5	3,154	3,125	3,125
Petroleum	324	6,170	5,778	6,202	2	91	76	91
Gas	121	2,179	1,817	2,089	14	999	822	987
Water	313	4,549	4,378	4,352	3	70	75	72
Nuclear	9	8,388	7,664	7,719	–	–	–	–
Other	5	330	223	232	–	–	–	–
ERCOT	**366**	**52,221**	**48,928**	**49,101**	**26**	**10,890**	**9,869**	**10,019**
Coal	24	14,980	13,870	13,878	12	6,169	5,560	5,560
Petroleum	26	53	45	46	–	–	–	–
Gas	273	35,027	33,028	33,249	7	927	749	900
Water	37	456	466	408	4	10	10	9
Nuclear	1	1,354	1,251	1,251	3	3,784	3,550	3,550
Other	5	351	269	269	–	–	–	–
HICC	**77**	**1,504**	**1,453**	**1,454**	**2**	**30**	**27**	**32**
Coal	–	–	–	–	–	–	–	–
Petroleum	71	1,494	1,443	1,444	2	30	27	32
Gas	–	–	–	–	–	–	–	–
Water	4	3	3	3	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	2	7	6	6	–	–	–	–
MAIN	**749**	**55,459**	**49,631**	**50,600**	**20**	**909**	**752**	**895**
Coal	145	30,910	27,500	27,696	–	–	–	–
Petroleum	277	6,625	5,693	6,196	4	7	6	7
Gas	103	759	653	733	15	899	742	884
Water	205	1,026	941	860	1	3	3	3
Nuclear	17	16,139	14,843	15,115	–	–	–	–
Other	2	*	*	*	–	–	–	–
MAAC	**474**	**53,163**	**48,766**	**51,252**	**28**	**4,278**	**3,732**	**4,053**
Coal	73	18,777	17,271	17,499	1	685	640	670
Petroleum	253	14,541	13,001	14,230	16	908	750	833
Gas	73	4,747	4,471	5,215	10	1,593	1,287	1,488
Water	61	2,401	2,346	2,449	–	–	–	–
Nuclear	12	12,561	11,562	11,745	1	1,092	1,055	1,062
Other	2	136	115	115	–	–	–	–
MAPP	**1,321**	**32,150**	**30,348**	**31,421**	**15**	**816**	**725**	**791**
Coal	145	19,747	18,776	18,829	1	460	423	430
Petroleum	682	3,066	2,722	3,345	8	170	142	170
Gas	240	2,072	1,846	2,102	5	185	158	189
Water	231	2,997	3,151	3,147	–	–	–	–
Nuclear	8	4,104	3,688	3,826	–	–	–	–
Other	15	165	165	172	1	2	2	2
NPCC	**1,279**	**56,719**	**54,067**	**55,833**	**33**	**2,504**	**2,379**	**2,480**
Coal	50	7,822	7,554	7,572	–	–	–	–
Petroleum	412	24,452	23,005	24,021	4	239	196	235
Gas	98	5,368	4,683	5,215	–	–	–	–

See footnotes at end of table.

Table 13. North American Electric Reliability Council Region Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

NERC Region Primary Energy Source	Operable Capacity[1]				Planned Additions[1] [2]			
	Number of Units	Generator Nameplate (Megawatts)	Summer Capability (Megawatts)	Winter Capability (Megawatts)	Number of Units	Generator Nameplate (Megawatts)	Summer Capability (Megawatts)	Winter Capability (Megawatts)
NPCC								
Water	699	7,786	8,380	8,433	27	216	224	285
Nuclear	14	10,949	10,157	10,282	2	2,050	1,959	1,959
Other	6	341	287	310	–	–	–	–
SERC	**1,421**	**154,486**	**142,404**	**144,719**	**62**	**14,208**	**12,436**	**16,077**
Coal	252	75,103	69,578	70,184	3	1,536	1,459	1,459
Petroleum	367	22,054	19,151	20,444	12	1,958	1,547	1,858
Gas	197	9,774	8,635	9,231	29	4,646	3,703	4,011
Water	557	15,461	15,409	14,979	8	1,915	1,966	4,960
Nuclear	32	31,650	29,003	29,222	3	3,755	3,426	3,426
Other	16	444	629	659	7	398	335	363
SPP	**1,159**	**75,166**	**70,311**	**70,729**	**22**	**974**	**807**	**952**
Coal	89	29,197	26,996	27,009	–	–	–	–
Petroleum	417	2,381	2,013	2,234	4	32	27	32
Gas	537	35,277	33,160	33,312	15	910	746	887
Water	105	2,723	2,957	2,959	3	32	34	32
Nuclear	5	5,317	4,833	4,863	–	–	–	–
Other	6	272	352	352	–	–	–	–
WSCC	**1,937**	**131,534**	**128,986**	**128,900**	**65**	**5,249**	**4,876**	**5,173**
Coal	118	33,226	31,248	31,252	7	3,588	3,355	3,355
Petroleum	202	4,609	4,220	4,416	4	312	256	308
Gas	303	28,868	27,431	27,864	6	260	215	259
Water	1,252	49,276	52,049	51,268	39	640	682	872
Nuclear	12	12,935	11,695	11,725	–	–	–	–
Other	50	2,621	2,342	2,376	9	449	367	380

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[1] Beginning with the 1986 edition of *Inventory of Power Plants in the United States*, NERC region totals are aggregates based on company ownership of electric generating units/capacity within region. That is, for each electric generating unit that is owned jointly by companies that are associated with different NERC regions, the unit along with the share of capacity for each owner company has been allocated to the respective NERC regions of the companies. Therefore, U.S. total number of units do not equal the sum of the individual NERC region total number of units. In prior issues, NERC region totals are aggregates based on the assignment of units/capacity to the NERC region with which the utility operating the unit is associated.

[2] Planned additions are for 1989 through 1998.

* Capacity less than 0.5 megawatts.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 14. Federal Region Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988

Federal Region Primary Energy Source	Operable Capacity: Number of Units	Operable Capacity: Generator Nameplate (megawatts)	Operable Capacity: Summer Capability (megawatts)	Operable Capacity: Winter Capability (megawatts)	Planned Additions[1]: Number of Units	Planned Additions[1]: Generator Nameplate (megawatts)	Planned Additions[1]: Summer Capability (megawatts)	Planned Additions[1]: Winter Capability (megawatts)
U.S. Total	**10,305**	**723,852**	**677,654**	**688,534**	**301**	**44,206**	**39,733**	**44,779**
Coal	1,267	317,934	294,247	296,255	29	15,593	14,562	14,599
Petroleum	3,354	85,981	77,572	83,122	56	3,746	3,026	3,565
Gas	1,966	124,885	116,386	119,765	101	10,419	8,423	9,606
Water	3,496	86,886	90,284	89,063	89	2,919	3,028	6,267
Nuclear	108	103,397	94,695	95,746	9	10,681	9,990	9,997
Other	114	4,769	4,470	4,584	17	849	704	745
Federal Region 1	**666**	**22,576**	**22,117**	**22,756**	**13**	**1,269**	**1,221**	**1,219**
Coal	15	2,773	2,747	2,765	–	–	–	–
Petroleum	259	10,953	10,639	11,127	1	2	1	2
Gas	7	31	27	31	–	–	–	–
Water	371	2,764	3,027	3,041	11	67	70	67
Nuclear	8	5,715	5,391	5,483	1	1,200	1,150	1,150
Other	6	341	287	310	–	–	–	–
Federal Region 2	**737**	**47,801**	**44,550**	**46,898**	**29**	**2,328**	**2,040**	**2,276**
Coal	41	5,801	5,517	5,546	–	–	–	–
Petroleum	215	17,775	15,249	17,255	7	394	325	391
Gas	138	9,285	8,357	9,519	5	935	752	858
Water	332	5,411	5,688	5,724	16	149	154	218
Nuclear	10	9,394	8,629	8,740	1	850	809	809
Other	1	135	114	114	–	–	–	–
Federal Region 3	**583**	**77,874**	**71,864**	**73,759**	**31**	**5,654**	**4,807**	**5,316**
Coal	141	44,186	40,921	41,557	1	685	640	670
Petroleum	243	13,310	11,841	12,751	20	2,686	2,144	2.508
Gas	30	822	786	901	7	1,036	838	938
Water	150	5,510	5,530	5,637	–	–	–	–
Nuclear	14	13,902	12,734	12,039	1	1,092	1,055	1,062
Other	5	145	70	73	2	156	130	139
Federal Region 4	**1,447**	**156,615**	**144,492**	**146,665**	**55**	**12,397**	**11,110**	**14,439**
Coal	282	81,512	75,409	75,963	4	2,048	1,954	1,954
Petroleum	351	19,898	17,217	18,411	5	99	84	100
Gas	224	12,880	11,641	12,276	27	4,268	3,400	3,703
Water	549	14,085	13,986	13,527	11	1,985	2,041	5,032
Nuclear	28	27,996	25,611	25,830	3	3,755	3,426	3,426
Other	13	444	629	659	5	242	205	224
Federal Region 5	**2,059**	**130,739**	**119,521**	**122,129**	**41**	**4,570**	**4.222**	**4,532**
Coal	463	87,596	80,198	80,875	4	2,642	2,630	2,630
Petroleum	737	13,178	11,904	13,111	6	25	22	26
Gas	250	2,861	2,430	2,796	29	1,898	1,565	1,871
Water	565	3,162	3,012	3,005	1	3	3	3
Nuclear	26	23,613	21,679	22,033	–	–	–	–
Other	18	329	298	308	1	2	2	2
Federal Region 6	**873**	**110,031**	**103,512**	**103,739**	**31**	**11,183**	**10,112**	**10,303**
Coal	67	36,802	34,292	34,305	12	6,169	5,560	5,560
Petroleum	104	417	383	384	–	–	–	–
Gas	566	64,006	60,332	60,602	9	1,187	958	1,151
Water	122	2,747	2,928	2,871	7	42	43	42
Nuclear	5	5,435	4,956	4,956	3	3,784	3,550	3,550
Other	9	623	621	621	–	–	–	–
Federal Region 7	**1,436**	**41,603**	**37,684**	**38,557**	**29**	**1,034**	**862**	**1,025**
Coal	136	26,714	24,419	24,481	–	–	–	–
Petroleum	783	3,599	2,991	3,452	11	199	167	200
Gas	429	5,483	4,896	5,180	18	835	695	825
Water	80	1,378	1,357	1,279	–	–	–	–
Nuclear	5	4,406	4,000	4,141	–	–	–	–
Other	5	23	21	24	–	–	–	–
Federal Region 8	**589**	**30,604**	**29,576**	**29,621**	**14**	**1,395**	**1,322**	**1,329**
Coal	93	22,541	21,430	21,447	3	1,380	1,308	1,315
Petroleum	147	928	796	945	–	–	–	–
Gas	70	765	742	772	–	–	–	–
Water	269	5,994	6,355	6,201	11	15	14	14

See footnotes at end of table.

Table 14. Federal Region Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

Federal Region Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	**Generator Nameplate (megawatts)**	**Summer Capability (megawatts)**	**Winter Capability (megawatts)**	**Number of Units**	**Generator Nameplate (megawatts)**	**Summer Capability (megawatts)**	**Winter Capability (megawatts)**
Federal Region 8								
Nuclear	1	336	217	217	–	–	–	–
Other	9	40	38	38	–	–	–	–
Federal Region 9	**931**	**68,364**	**65,187**	**65,506**	**44**	**4,225**	**3,878**	**4,186**
Coal	21	8,066	7,454	7,454	5	2,668	2,470	2,470
Petroleum	173	5,079	4,760	4,825	6	342	283	339
Gas	217	26,824	25,526	25,838	6	260	215	259
Water	471	15,864	16,068	15,960	18	506	543	738
Nuclear	9	10,183	9,274	9,304	–	–	–	–
Other	40	2,349	2,105	2,125	9	449	367	380
Federal Region 10	**982**	**37,445**	**39,129**	**38,904**	**14**	**151**	**160**	**153**
Coal	8	1,944	1,862	1,862	–	–	–	–
Petroleum	342	844	792	860	–	–	–	–
Gas	35	1,929	1,647	1,849	–	–	–	–
Water	587	29,971	32,338	31,319	14	151	160	153
Nuclear	2	2,416	2,204	2,204	–	–	–	–
Other	8	341	288	311	–	–	–	–

[1] Planned additions are for 1989 through 1998.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 15. Census Division Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988

Census Division Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
U.S. Total	**10,305**	**723,852**	**677,654**	**688,534**	**301**	**44,206**	**39,733**	**44,779**
Coal	1,267	317,934	294,247	296,255	29	15,593	14,562	14,599
Petroleum	3,354	85,981	77,572	83,122	56	3,746	3,026	3,565
Gas	1,966	124,885	116,386	119,765	101	10,419	8,423	9,606
Water	3,496	66,886	90,284	89,063	89	2,919	3,028	6,267
Nuclear	108	103,397	94,695	95,746	9	10,681	9,990	9,997
Other	114	4,769	4,470	4,584	17	849	704	745
New England	**666**	**22,576**	**22,117**	**22,756**	**13**	**1,269**	**1,221**	**1,219**
Coal	15	2,773	2,747	2,765	–	–	–	–
Petroleum	259	10,953	10,639	11,127	1	2	1	2
Gas	7	31	27	31	–	–	–	–
Water	371	2,764	3,027	3,041	11	67	70	67
Nuclear	8	5,715	5,391	5,483	1	1,200	1,150	1,150
Other	6	341	287	310	–	–	–	–
Middle Atlantic	**981**	**83,684**	**76,937**	**80,295**	**30**	**3,420**	**3,095**	**3,338**
Coal	106	25,212	23,018	23,408	–	–	–	–
Petroleum	329	23,565	21,239	22,774	7	394	325	391
Gas	149	9,547	8,599	9,843	5	935	752	858
Water	377	7,269	7,577	7,616	16	149	154	218
Nuclear	18	17,813	16,321	16,467	2	1,942	1,864	1,871
Other	2	279	183	186	–	–	–	–
East North Central	**1,712**	**121,377**	**110,761**	**112,969**	**40**	**4,569**	**4,220**	**4,531**
Coal	407	81,622	74,473	75,106	4	2,642	2,630	2,630
Petroleum	569	12,006	10,853	11,810	5	24	21	24
Gas	201	2,593	2,184	2,522	29	1,898	1,565	1,871
Water	501	3,017	2,867	2,860	1	3	3	3
Nuclear	23	21,858	20,130	20,412	–	–	–	–
Other	11	281	254	260	1	2	2	2
West North Central	**1,918**	**58,296**	**53,596**	**54,962**	**31**	**1,496**	**1,286**	**1,457**
Coal	212	37,253	34,509	34,622	1	460	423	430
Petroleum	1,020	5,211	4,381	5,176	12	201	168	201
Gas	489	5,866	5,242	5,557	18	835	695	825
Water	177	3,734	3,850	3,772	–	–	–	–
Nuclear	8	6,161	5,549	5,762	–	–	–	–
Other	12	71	65	72	–	–	–	–
South Atlantic	**1,317**	**136,931**	**126,212**	**128,768**	**70**	**11,756**	**10,045**	**13,804**
Coal	214	67,423	62,911	63,376	1	685	640	670
Petroleum	441	25,625	22,544	23,907	24	2,709	2,166	2,533
Gas	170	8,585	7,598	8,043	29	4,834	3,853	4,191
Water	449	10,420	10,151	10,114	8	1,915	1,966	4,960
Nuclear	26	24,433	22,379	22,668	1	1,215	1,086	1,086
Other	17	445	629	659	7	398	335	363
East South Central	**469**	**61,875**	**57,777**	**58,259**	**15**	**5,203**	**4,816**	**4,890**
Coal	144	38,863	35,918	36,282	4	2,048	1,954	1,954
Petroleum	39	1,793	1,524	1,737	1	75	62	74
Gas	73	4,855	4,589	4,810	5	470	385	450
Water	205	7,317	7,472	7,158	3	70	75	72
Nuclear	8	9,046	8,274	8,274	2	2,540	2,340	2,340
Other	–	–	–	–	–	–	–	–
West South Central	**814**	**104,434**	**98,387**	**98,584**	**31**	**11,183**	**10,112**	**10,303**
Coal	54	32,510	30,393	30,411	12	6,169	5,560	5,560
Petroleum	96	387	358	357	–	–	–	–
Gas	535	62,790	59,168	59,429	9	1,187	958	1,151
Water	116	2,693	2,871	2,815	7	42	43	42
Nuclear	5	5,435	4,956	4,956	3	3,784	3,550	3,550
Other	8	618	616	616	–	–	–	–
Mountain	**825**	**51,875**	**49,120**	**49,067**	**34**	**4,525**	**4,177**	**4,485**
Coal	107	30,335	28,413	28,424	7	3,588	3,355	3,355
Petroleum	129	716	648	721	4	312	256	308
Gas	166	6,928	6,292	6,480	5	210	174	209
Water	409	9,306	9,844	9,520	16	235	243	455

See footnotes at end of table.

Table 15. Census Division Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

Census Division Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Mountain								
Nuclear	4	4,546	3,880	3,880	–	–	–	–
Other	10	45	43	43	2	180	149	158
Pacific	**1,131**	**79,586**	**79,811**	**79,772**	**31**	**724**	**699**	**689**
Coal	3	1,890	1,806	1,806	–	–	–	–
Petroleum	78	3,696	3,442	3,527	–	–	–	–
Gas	155	22,876	22,026	22,296	1	50	41	50
Water	846	40,154	42,417	41,961	23	405	439	417
Nuclear	8	8,390	7,815	7,845	–	–	–	–
Other	41	2,580	2,304	2,338	7	269	218	222
Noncontiguous	**472**	**3,219**	**2,957**	**3,103**	**6**	**62**	**61**	**65**
Coal	5	54	56	56	–	–	–	–
Petroleum	394	2,031	1,945	1,988	2	30	27	32
Gas	21	814	662	755	–	–	–	–
Water	45	212	207	207	4	32	35	33
Nuclear	–	–	–	–	–	–	–	–
Other	7	109	88	99	–	–	–	–

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[1] Planned additions are for 1989 through 1998.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 16. State Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988

State Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
U.S. Total	**10,305**	**723,852**	**677,654**	**688,534**	**301**	**44,206**	**39,733**	**44,779**
Coal	1,267	317,934	294,247	296,255	29	15,593	14,562	14,599
Petroleum	3,354	85,981	77,572	83,122	56	3,746	3,026	3,565
Gas	1,966	124,885	116,386	119,765	101	10,419	8,423	9,606
Water	3,496	86,886	90,284	89,063	89	2,919	3,028	6,267
Nuclear	108	103,397	94,695	95,746	9	10,681	9,990	9,997
Other	114	4,769	4,470	4,584	17	849	704	745
Alabama	**145**	**19,910**	**18,789**	**18,830**	**8**	**2,008**	**1,844**	**1,909**
Coal	41	11,278	10,556	10,598	3	1,536	1,459	1,459
Petroleum	2	67	64	66	–	–	–	–
Gas	8	476	400	472	5	470	385	450
Water	89	2,857	2,934	2,859	–	–	–	–
Nuclear	5	5,233	4,836	4,836	–	–	–	–
Other	–	–	–	–	–	–	–	–
Alaska	**395**	**1,714**	**1,504**	**1,649**	**4**	**32**	**35**	**33**
Coal	5	54	56	56	–	–	–	–
Petroleum	323	537	502	544	–	–	–	–
Gas	21	814	662	755	–	–	–	–
Water	41	209	203	203	4	32	35	33
Nuclear	–	–	–	–	–	–	–	–
Other	5	102	81	92	–	–	–	–
Arizona	**120**	**15,923**	**14,448**	**14,542**	**8**	**1,154**	**1,047**	**1,298**
Coal	13	5,297	4,762	4,762	2	794	720	720
Petroleum	6	102	78	78	–	–	–	–
Gas	59	3,768	3,293	3,387	5	210	174	209
Water	39	2,546	2,652	2,652	1	150	153	369
Nuclear	3	4,210	3,663	3,663	–	–	–	–
Other	–	–	–	–	–	–	–	–
Arkansas	**98**	**9,764**	**9,553**	**9,552**	**3**	**32**	**34**	**32**
Coal	5	3,958	3,817	3,817	–	–	–	–
Petroleum	33	229	221	220	–	–	–	–
Gas	20	2,614	2,571	2,571	–	–	–	–
Water	38	1,118	1,250	1,250	3	32	34	32
Nuclear	2	1,845	1,694	1,694	–	–	–	–
Other	–	–	–	–	–	–	–	–
California	**660**	**45,944**	**44,429**	**44,592**	**25**	**675**	**649**	**640**
Coal	–	–	–	–	–	–	–	–
Petroleum	64	3,396	3,160	3,219	–	–	–	–
Gas	142	21,811	21,091	21,252	1	50	41	50
Water	410	12,423	12,469	12,361	17	356	389	368
Nuclear	6	5,974	5,611	5,641	–	–	–	–
Other	38	2,342	2,098	2,119	7	269	218	222
Colorado	**172**	**7,263**	**7,048**	**7,119**	**1**	**520**	**485**	**485**
Coal	31	5,057	4,965	4,965	1	520	485	485
Petroleum	56	445	416	482	–	–	–	–
Gas	36	386	395	401	–	–	–	–
Water	48	1,039	1,055	1,055	–	–	–	–
Nuclear	1	336	217	217	–	–	–	–
Other	–	–	–	–	–	–	–	–
Connecticut	**89**	**7,415**	**7,128**	**7,318**	**–**	**–**	**–**	**–**
Coal	1	400	385	385	–	–	–	–
Petroleum	47	3,367	3,324	3,461	–	–	–	–
Gas	–	–	–	–	–	–	–	–
Water	35	133	136	137	–	–	–	–
Nuclear	4	3,425	3,217	3,271	–	–	–	–
Other	2	90	64	64	–	–	–	–
Delaware	**26**	**1,899**	**1,765**	**1,803**	**4**	**331**	**271**	**313**
Coal	5	959	919	924	–	–	–	–
Petroleum	21	940	846	879	1	1	1	1
Gas	–	–	–	–	3	330	270	312
Water	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 16. State Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

State Primary Energy Source	Operable Capacity: Number of Units	Operable Capacity: Generator Nameplate (megawatts)	Operable Capacity: Summer Capability (megawatts)	Operable Capacity: Winter Capability (megawatts)	Planned Additions[1]: Number of Units	Planned Additions[1]: Generator Nameplate (megawatts)	Planned Additions[1]: Summer Capability (megawatts)	Planned Additions[1]: Winter Capability (megawatts)
Delaware								
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
District of Columbia	**4**	**868**	**806**	**870**	2	210	171	206
Coal	–	–	–	–	–	–	–	–
Petroleum	4	868	806	870	2	210	171	206
Gas	–	–	–	–	–	–	–	–
Water	–	–	–	–	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
Florida	**367**	**36,047**	**32,363**	**33,532**	**22**	**3,452**	**2,733**	**2,923**
Coal	28	10,292	9,395	9,445	–	–	–	–
Petroleum	192	14,286	12,496	13,166	4	24	22	26
Gas	128	7,035	6,268	6,522	16	3,288	2,593	2,772
Water	7	42	46	45	–	–	–	–
Nuclear	5	4,110	3,676	3,851	–	–	–	–
Other	7	282	482	502	2	140	117	126
Georgia	**196**	**21,740**	**19,507**	**19,619**	**4**	**2,063**	**1,956**	**3,290**
Coal	39	14,476	12,848	12,863	–	–	–	–
Petroleum	39	1,835	1,501	1,608	–	–	–	–
Gas	4	85	77	77	–	–	–	–
Water	111	2,429	2,465	2,455	3	848	870	2,204
Nuclear	3	2,915	2,617	2,617	1	1,215	1,086	1,086
Other	–	–	–	–	–	–	–	–
Hawaii	**77**	**1,504**	**1,453**	**1,454**	**2**	**30**	**27**	**32**
Coal	–	–	–	–	–	–	–	–
Petroleum	71	1,494	1,443	1,444	2	30	27	32
Gas	–	–	–	–	–	–	–	–
Water	4	3	3	3	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	2	7	6	6	–	–	–	–
Idaho	**116**	**2,089**	**2,244**	**2,074**	**4**	**70**	**75**	**72**
Coal	–	–	–	–	–	–	–	–
Petroleum	5	7	8	8	–	–	–	–
Gas	1	50	50	50	–	–	–	–
Water	110	2,031	2,186	2,016	4	70	75	72
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
Illinois	**338**	**36,862**	**32,576**	**33,273**	5	**93**	**80**	**89**
Coal	63	17,261	14,953	15,082	–	–	–	–
Petroleum	169	5,406	4,637	4,939	1	4	4	5
Gas	72	447	363	414	4	89	76	85
Water	21	14	12	12	–	–	–	–
Nuclear	13	13,734	12,609	12,826	–	–	–	–
Other	–	–	–	–	–	–	–	–
Indiana	**152**	**21,528**	**19,359**	**19,591**	2	**1,381**	**1,367**	**1,380**
Coal	80	20,233	18,291	18,429	1	1,300	1,300	1,300
Petroleum	38	544	507	562	–	–	–	–
Gas	14	657	485	524	1	81	67	80
Water	20	94	76	76	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
Iowa	**407**	**8,491**	**7,756**	**8,047**	**8**	**270**	**230**	**276**
Coal	55	6,297	5,892	5,883	–	–	–	–
Petroleum	274	682	574	676	4	166	138	166
Gas	50	761	644	796	4	105	92	110
Water	24	130	124	127	–	–	–	–
Nuclear	1	597	500	540	–	–	–	–
Other	3	23	21	24	–	–	–	–

See footnotes at end of table.

Table 16. State Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

State Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Kansas	**439**	**10,741**	**9,507**	**9,593**	**6**	**17**	**16**	**18**
Coal	20	5,733	5,010	5,010	–	–	–	–
Petroleum	232	676	591	609	3	7	7	8
Gas	177	3,094	2,776	2,814	3	10	9	10
Water	7	2	2	2	–	–	–	–
Nuclear	1	1,236	1,128	1,158	–	–	–	–
Other	2	*	*	*	–	–	–	–
Kentucky	**109**	**16,601**	**15,043**	**15,268**	**5**	**658**	**632**	**641**
Coal	57	15,375	13,839	14,059	1	512	495	495
Petroleum	13	202	184	199	1	75	62	74
Gas	9	277	225	244	–	–	–	–
Water	30	746	795	766	3	70	75	72
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
Louisiana	**127**	**18,216**	**16,850**	**16,843**	**–**	**–**	**–**	**–**
Coal	6	3,572	3,333	3,333	–	–	–	–
Petroleum	12	53	44	44	–	–	–	–
Gas	106	12,254	11,260	11,252	–	–	–	–
Water	–	–	–	–	–	–	–	–
Nuclear	2	2,236	2,011	2,011	–	–	–	–
Other	1	101	203	203	–	–	–	–
Maine	**184**	**2,366**	**2,360**	**2,389**	**6**	**59**	**62**	**59**
Coal	–	–	–	–	–	–	–	–
Petroleum	53	1,148	1,128	1,148	–	–	–	–
Gas	–	–	–	–	–	–	–	–
Water	130	354	387	386	6	59	62	59
Nuclear	1	864	845	855	–	–	–	–
Other	–	–	–	–	–	–	–	–
Maryland	**104**	**10,416**	**9,607**	**10,009**	**12**	**1,553**	**1,352**	**1,457**
Coal	14	4,257	3,972	4,011	1	685	640	670
Petroleum	59	3,300	3,027	3,190	9	540	446	469
Gas	15	538	529	556	2	328	265	318
Water	13	494	428	531	–	–	–	–
Nuclear	2	1,829	1,650	1,720	–	–	–	–
Other	1	1	1	1	–	–	–	–
Massachusetts	**191**	**10,005**	**9,837**	**10,164**	**2**	**1**	**1**	**1**
Coal	9	1,764	1,746	1,760	–	–	–	–
Petroleum	102	5,491	5,277	5,546	–	–	–	–
Gas	7	31	27	31	–	–	–	–
Water	68	1,656	1,778	1,794	2	1	1	1
Nuclear	2	863	834	837	–	–	–	–
Other	3	201	176	196	–	–	–	–
Michigan	**582**	**24,152**	**22,409**	**22,732**	**–**	**–**	**–**	**–**
Coal	83	13,119	12,035	12,062	–	–	–	–
Petroleum	179	3,576	3,482	3,609	–	–	–	–
Gas	68	788	709	852	–	–	–	–
Water	247	2,343	2,203	2,204	–	–	–	–
Nuclear	5	4,326	3,980	4,005	–	–	–	–
Other	–	–	–	–	–	–	–	–
Minnesota	**347**	**9,363**	**8,760**	**9,160**	**1**	**1**	**1**	**1**
Coal	56	5,974	5,724	5,769	–	–	–	–
Petroleum	168	1,173	1,051	1,301	1	1	1	1
Gas	49	267	246	275	–	–	–	–
Water	64	145	145	145	–	–	–	–
Nuclear	3	1,755	1,549	1,621	–	–	–	–
Other	7	48	44	48	–	–	–	–
Mississippi	**50**	**7,154**	**6,949**	**6,984**	**–**	**–**	**–**	**–**
Coal	9	2,190	2,234	2,234	–	–	–	–
Petroleum	4	111	124	124	–	–	–	–
Gas	36	3,480	3,448	3,484	–	–	–	–
Water	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 16. State Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

State Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Mississippi								
Nuclear	1	1,373	1,142	1,142	–	–	–	–
Other	–	–	–	–	–	–	–	–
Missouri	**331**	**16,641**	**14,999**	**15,355**	14	667	550	652
Coal	49	11,698	10,627	10,695	–	–	–	–
Petroleum	171	1,800	1,453	1,710	4	26	22	27
Gas	81	843	739	796	10	641	528	626
Water	29	1,064	1,062	980	–	–	–	–
Nuclear	1	1,236	1,118	1,173	–	–	–	–
Other	–	–	–	–	–	–	–	–
Montana	**102**	**4,936**	**4,951**	**4,843**	–	–	–	–
Coal	6	2,514	2,260	2,267	–	–	–	–
Petroleum	–	–	–	–	–	–	–	–
Gas	3	133	120	141	–	–	–	–
Water	86	2,277	2,559	2,423	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	7	13	13	13	–	–	–	–
Nebraska	**261**	**5,730**	**5,421**	**5,563**	1	**80**	**66**	**79**
Coal	12	2,985	2,889	2,892	–	–	–	–
Petroleum	106	441	372	457	–	–	–	–
Gas	121	785	736	774	1	80	66	79
Water	20	182	169	170	–	–	–	–
Nuclear	2	1,338	1,254	1,270	–	–	–	–
Other	–	–	–	–	–	–	–	–
Nevada	**74**	**4,993**	**4,857**	**4,919**	9	**2,366**	**2,155**	**2,216**
Coal	8	2,769	2,692	2,692	3	1,874	1,750	1,750
Petroleum	32	87	79	85	4	312	256	308
Gas	16	1,245	1,142	1,199	–	–	–	–
Water	18	892	944	943	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	2	180	149	158
New Hampshire	**51**	**1,405**	**1,431**	**1,461**	1	**1,200**	**1,150**	**1,150**
Coal	5	609	615	620	–	–	–	–
Petroleum	7	534	538	564	–	–	–	–
Gas	–	–	–	–	–	–	–	–
Water	39	262	278	278	–	–	–	–
Nuclear	–	–	–	–	1	1,200	1,150	1,150
Other	–	–	–	–	–	–	–	–
New Jersey	**117**	**14,631**	**13,510**	**14,730**	9	**1,092**	**883**	**1,015**
Coal	9	1,757	1,652	1,681	–	–	–	–
Petroleum	53	4,244	3,851	4,329	4	157	131	157
Gas	47	3,948	3,700	4,335	5	935	752	858
Water	3	387	330	330	–	–	–	–
Nuclear	4	4,160	3,863	3,941	–	–	–	–
Other	1	135	114	114	–	–	–	–
New Mexico	**59**	**5,598**	**5,145**	**5,155**	–	–	–	–
Coal	13	4,292	3,894	3,894	–	–	–	–
Petroleum	8	30	25	27	–	–	–	–
Gas	31	1,216	1,165	1,174	–	–	–	–
Water	6	54	56	56	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	1	5	5	5	–	–	–	–
New York	**620**	**33,169**	**31,040**	**32,168**	20	1,236	1,158	1,261
Coal	32	4,044	3,865	3,865	–	–	–	–
Petroleum	162	13,530	12,398	12,926	3	237	195	234
Gas	91	5,338	4,656	5,184	–	–	–	–
Water	329	5,024	5,355	5,394	16	149	154	218
Nuclear	6	5,234	4,766	4,799	1	850	809	809
Other	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 16. State Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

State Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
North Carolina	**206**	**20,887**	**20,026**	**20,150**	–	–	–	–
Coal	47	12,556	12,430	12,513	–	–	–	–
Petroleum	38	938	776	899	–	–	–	–
Gas	8	230	178	218	–	–	–	–
Water	105	1,948	1,867	1,734	–	–	–	–
Nuclear	5	5,125	4,698	4,698	–	–	–	–
Other	3	89	78	88	–	–	–	–
North Dakota	**50**	**4,683**	**4,525**	**4,555**	**1**	**460**	**423**	**430**
Coal	14	4,050	3,876	3,882	1	460	423	430
Petroleum	29	108	94	118	–	–	–	–
Gas	2	8	10	10	–	–	–	–
Water	5	517	545	545	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
Ohio	**241**	**27,594**	**25,703**	**26,337**	**17**	**2,276**	**2,099**	**2,254**
Coal	123	23,375	21,910	22,242	3	1,342	1.330	1,330
Petroleum	75	1,242	1,081	1,275	1	16	14	17
Gas	30	457	398	469	13	918	755	907
Water	7	119	120	120	–	–	–	–
Nuclear	2	2,215	2,041	2,071	–	–	–	–
Other	4	186	154	160	–	–	–	–
Oklahoma	**158**	**13,589**	**12,758**	**12,803**	**1**	**240**	**192**	**231**
Coal	10	5,210	4,816	4,821	–	–	–	–
Petroleum	26	66	58	58	–	–	–	–
Gas	84	7,224	6,779	6,818	1	240	192	231
Water	37	968	994	996	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	1	120	110	110	–	–	–	–
Oregon	**189**	**10,366**	**11,236**	**11,280**	–	–	–	–
Coal	1	561	530	530	–	–	–	–
Petroleum	4	119	109	122	–	–	–	–
Gas	6	410	345	373	–	–	–	–
Water	175	7,873	8,988	8,979	–	–	–	–
Nuclear	1	1,216	1,104	1,104	–	–	–	–
Other	2	188	160	172	–	–	–	–
Pennsylvania	**244**	**35,884**	**32,387**	**33,397**	**1**	**1,092**	**1,055**	**1,062**
Coal	65	19,411	17,501	17,862	–	–	–	–
Petroleum	114	5,790	4,990	5,519	–	–	–	–
Gas	11	262	242	324	–	–	–	–
Water	45	1,858	1,892	1,892	–	–	–	–
Nuclear	8	8,419	7,692	7,727	1	1,092	1,055	1,062
Other	1	144	69	72	–	–	–	–
Rhode Island	**27**	**273**	**259**	**261**	**1**	**2**	**1**	**2**
Coal	–	–	–	–	–	–	–	–
Petroleum	26	272	257	260	1	2	1	2
Gas	–	–	–	–	–	–	–	–
Water	1	2	1	1	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
South Carolina	**209**	**16,266**	**14,819**	**15,105**	**14**	**1,680**	**1,604**	**3,336**
Coal	24	5,324	4,818	4,860	–	–	–	–
Petroleum	43	1,046	921	1,002	–	–	–	–
Gas	11	675	529	649	6	510	421	481
Water	121	2,348	2,136	2,135	5	1,068	1,095	2,757
Nuclear	7	6,799	6,346	6,390	–	–	–	–
Other	3	73	69	69	3	102	88	98
South Dakota	**83**	**2,648**	**2,628**	**2,690**	–	–	–	–
Coal	6	515	489	489	–	–	–	–
Petroleum	40	331	245	304	–	–	–	–
Gas	9	108	89	93	–	–	–	–
Water	28	1,694	1,803	1,803	–	–	–	–

See footnotes at end of table.

Table 16. State Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

State Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
South Dakota								
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
Tennessee	**165**	**18,209**	**16,996**	**17,177**	**2**	**2,540**	**2,340**	**2,340**
Coal	37	10,020	9,289	9,391	–	–	–	–
Petroleum	20	1,413	1,152	1,348	–	–	–	–
Gas	20	621	516	610	–	–	–	–
Water	86	3,714	3,743	3,532	–	–	–	–
Nuclear	2	2,441	2,296	2,296	2	2,540	2,340	2,340
Other	–	–	–	–	–	–	–	–
Texas	**431**	**62,866**	**59,206**	**59,385**	**27**	**10,910**	**9,885**	**10,039**
Coal	33	19,771	18,432	18,440	12	6,169	5,560	5,560
Petroleum	25	40	35	35	–	–	–	–
Gas	325	40,697	38,558	38,788	8	947	766	920
Water	41	607	627	569	4	10	10	9
Nuclear	1	1,354	1,251	1,251	3	3,784	3,550	3,550
Other	6	397	303	303	–	–	–	–
Utah	**128**	**5,221**	**4,744**	**4,730**	**12**	**415**	**414**	**414**
Coal	17	4,815	4,430	4,430	1	400	400	400
Petroleum	13	27	24	24	–	–	–	–
Gas	20	129	127	128	–	–	–	–
Water	77	226	141	127	11	15	14	14
Nuclear	–	–	–	–	–	–	–	–
Other	1	24	21	21	–	–	–	–
Vermont	**124**	**1,112**	**1,102**	**1,162**	**3**	**7**	**7**	**7**
Coal	–	–	–	–	–	–	–	–
Petroleum	24	140	115	148	–	–	–	–
Gas	–	–	–	–	–	–	–	–
Water	98	358	445	444	3	7	7	7
Nuclear	1	563	496	520	–	–	–	–
Other	1	50	47	50	–	–	–	–
Virginia	**146**	**13,642**	**12,820**	**13,030**	**12**	**2,468**	**1,958**	**2,278**
Coal	24	4,588	4,225	4,311	–	–	–	–
Petroleum	44	2,394	2,159	2,276	8	1,934	1,525	1,832
Gas	4	22	18	22	2	378	303	308
Water	67	2,983	3,027	3,029	–	–	–	–
Nuclear	4	3,655	3,392	3,392	–	–	–	–
Other	3	*	*	*	2	156	130	139
Washington	**262**	**23,276**	**24,146**	**23,900**	**6**	**48**	**50**	**48**
Coal	2	1,330	1,276	1,276	–	–	–	–
Petroleum	10	181	173	186	–	–	–	–
Gas	7	655	590	671	–	–	–	–
Water	261	19,859	20,960	20,621	6	48	50	48
Nuclear	1	1,200	1,100	1,100	–	–	–	–
Other	1	51	47	47	–	–	–	–
West Virginia	**59**	**15,163**	**14,499**	**14,650**	**–**	**–**	**–**	**–**
Coal	33	14,969	14,304	14,449	–	–	–	–
Petroleum	1	19	12	16	–	–	–	–
Gas	–	–	–	–	–	–	–	–
Water	25	175	183	185	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	–	–	–	–	–	–	–	–
Wisconsin	**399**	**11,240**	**10,713**	**11,037**	**16**	**818**	**674**	**808**
Coal	58	7,633	7,283	7,290	–	–	–	–
Petroleum	108	1,238	1,146	1,426	3	3	3	3
Gas	17	245	228	262	11	810	666	800
Water	206	447	456	448	1	3	3	3
Nuclear	3	1,583	1,500	1,510	–	–	–	–
Other	7	95	100	100	1	2	2	2

See footnotes at end of table.

Table 16. State Operable Capacity and Planned Capacity Additions by Energy Source, as of December 1988 (Continued)

State Primary Energy Source	Operable Capacity				Planned Additions[1]			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
Wyoming	**54**	**5,853**	**5,682**	**5,684**	–	–	–	–
Coal	19	5,590	5,410	5,414	–	–	–	–
Petroleum	9	18	18	18	–	–	–	–
Gas	–	–	–	–	–	–	–	–
Water	25	242	251	248	–	–	–	–
Nuclear	–	–	–	–	–	–	–	–
Other	1	4	4	4	–	–	–	–

[1] Planned additions are for 1989 through 1998.

* Capacity less than 0.5 megawatts.

Note: Total may not equal the sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

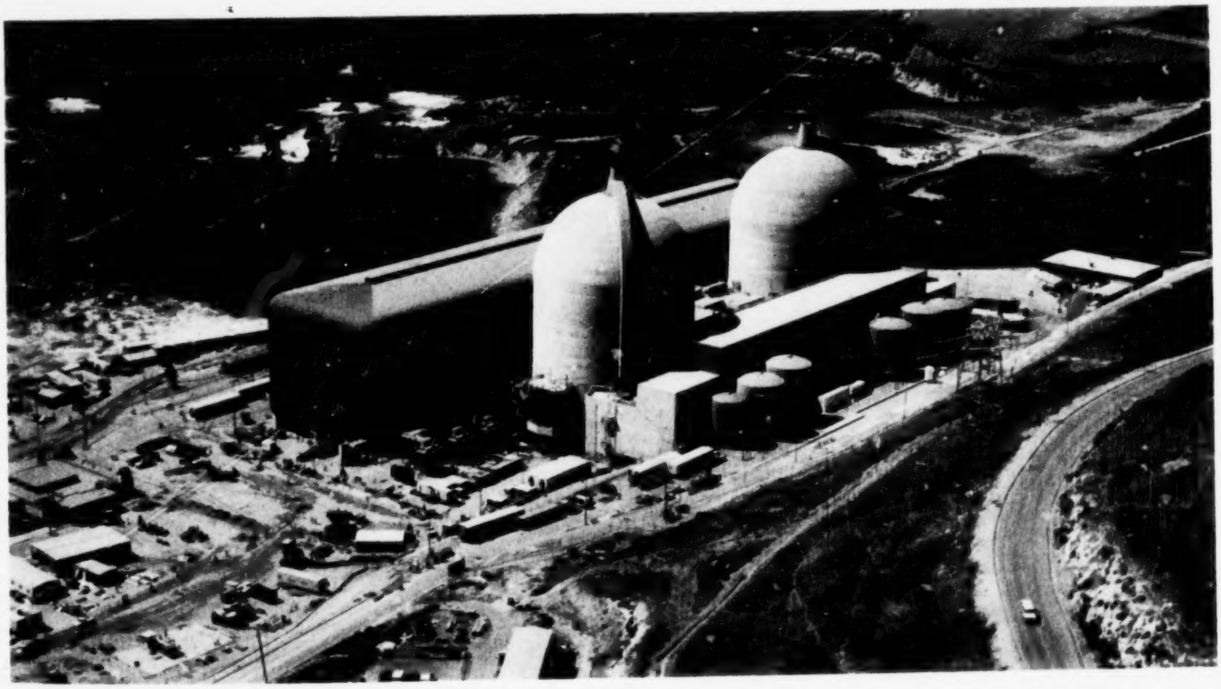
3. Operable Electric Generating Units

The net summer generating capability of plants operated by the Nation's electric utilities, as of year-end 1988, totaled 677,654 megawatts. This total includes 651,507 megawatts of electric generating capacity that was active and in commercial operation; 1,069 megawatts of new electric generating capacity that was available to generate power to the grid, but was not yet in commercial service; 14,678 megawatts of capacity that was in standby status (9,082 megawatts in units that are not normally used but are available for service and 5,596 megawatts in deactivated long-term storage); and 10,400 megawatts of the operable capacity that was out of service indefinitely for various reasons.

Included in the capacity that was out of service indefinitely is 5,281 megawatts of nuclear capacity. The Tennessee Valley Authority's (TVA) Browns Ferry units (3,195 megawatts) remained shut down; Philadelphia Electric Company's Peach Bottom units 2 and 3 (2,086 megawatts) were also shut down indefinitely. Additionally, the Department of Energy's Hanford-N nuclear plant (operated by Washington Public Power Supply System) was placed in cold standby in 1988.

Electric utilities have reported 10,152 megawatts of capacity that will undergo modifications over the next decade. These proposed modifications include fuel changes, prime mover changes, or other refurbishment that may result in reratings or life extension of these electric generating units.

Of the 677,654 megawatts of capacity, 5,221 megawatts came on line during 1988. The capacity that came on line during 1988 consisted of 3 coal-fired units (1,784 megawatts), 2 nuclear units (2,341 megawatts), 33 hydroelectric units (218 megawatts), 14 gas turbine units (654 megawatts), 23 internal combustion units (41 megawatts), 2 geothermal units (118 megawatts), and 2 other steam-electric units (64 megawatts). Four nuclear units were returned to service in 1988 after an extended shutdown: TVA's Sequoyah units 1 and 2, totaling 2,296 megawatts; Boston Edison Company's Pilgrim unit 1 (667 megawatts); and Sacramento Municipal Utility District's Rancho Seco nuclear unit 1 (873 megawatts).



Nuclear capacity accounted for 14 percent of the operable generating capacity in the United States, as of year-end 1988.

This chapter presents data about each of the electric generating units that are included in the 677,654 megawatts of operable capacity. These electric generating units are operated by electric utilities that are investor-owned, municipally-owned, federally-owned, cooperatives, or state projects. Additionally, data on electric generating units that were retired during 1988 are presented. Summary data on new units and retirements are presented in Table 17; more detailed data on these additions and retirements are presented in Tables 18 and 19, respectively. Table 20 lists all operable electric generating units.

Table 17. U.S. Capacity Additions and Retirements in 1988, by Energy Source

Primary Energy Source	Added Capacity				Retired Capacity			
	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)	Number of Units	Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)
U.S. Total	**79**	**5,805**	**5,221**	**5,363**	**88**	**881**	**828**	**845**
Coal	3	1,957	1,784	1,799	6	380	343	353
Petroleum	25	78	73	76	51	196	197	197
Gas	13	790	637	732	18	270	262	268
Water	33	212	218	213	10	19	16	16
Nuclear	2	2,579	2,341	2,371	–	–	–	–
Other	3	189	168	173	3	15	11	11

Note: Total may not equal the sum of components because of independent rounding.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 18. Electric Generating Units that Started Operation in 1988, by State, Company, and Plant

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate
Alaska							
Alaska Village Elec Coop Inc							
Eek (Bethel)	3	0.2	0.1	0.2	IC	FO1	
Emmonak (Bethel)	5	0.5	0.5	0.5	IC	FO1	
Kivalina (Kobuk)	4	0.2	0.0	0.2	IC	FO1	
Mountain Village (Bethel)	5	0.6	0.5	0.6	IC	FO1	
Shishmaref (Nome)	4	0.3	0.0	0.3	IC	FO1	
McGrath Light & Power Co							
McGrath (Yukon-Koyukuk)	6	0.7	0.7	0.7	IC	FO1	FO2
Naknek Electric Assn Inc							
Naknek (Bristol Bay)	NA1	1.1	1.0	1.2	IC	FO2	
	NA2	1.1	1.0	1.2	IC	FO2	
Nome Joint Utility Systems							
Snake River (Nome)	11	1.5	1.5	1.5	IC	FO2	
Nushagak Electric Coop Inc							
Dillingham (Dillingham)	10	1.1	1.0	1.2	IC	FO2	
Arkansas							
Arkansas Electric Coop Corp							
Ellis Hydroelectric (Crawford)	1	10.6	10.6	10.6	HC	Water	
	2	10.6	10.6	10.6	HC	Water	
	3	10.6	10.6	10.6	HC	Water	
California							
Sacramento Municipal Util Dist							
Coldwater Creek (Sonoma)	GE1*	65.0	59.0	59.3	GE	GST	
	GE2*	65.0	59.0	59.3	GE	GST	
Colorado							
Public Service Co of Colorado							
Cherokee (Adams)	IC2	2.8	2.8	2.8	IC	FO2	
Connecticut							
Connecticut Light & Power Co							
Devon (New Haven)	11	18.6	17.2	19.2	JE	Jet Fuel	
Florida							
Jacksonville Electric Auth							
St Johns River Power (Duval)	2*	679.0	624.0	624.0	ST	BIT	
Georgia							
Georgia Power Co							
Scherer (Monroe)	4	818.0	755.0	770.3	ST	BIT	
Hawaii							
Hawaii Electric Light Co Inc							
Keahole (Hawaii)	23	2.5	2.3	2.6	IC	FO2	
Puna (Hawaii)	1	15.5	14.0	14.0	ST	FO6	
Maui Electric Co Ltd							
Maalaea (Maui)	12	12.5	12.5	12.5	IC	FO2	
Idaho							
Idaho Falls City of							
Gem State (Bonneville)	1	23.4	23.4	23.4	HC	Water	

See footnotes at end of table.

Table 18. Electric Generating Units that Started Operation in 1988, by State, Company, and Plant (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate
Idaho							
Soda Springs City of							
Soda Springs No 2 (Caribou)	1	0.4	0.4	0.4	HC	Water	
Illinois							
Commonwealth Edison Co							
Braidwood (Will)	2	1224.9	1090.0	1120.0	NP	Uranium	
Kansas							
Empire District Electric Co							
Riverton (Cherokee)	10	15.8	16.5	16.5	CT	Nat Gas	FO2
	11	15.6	16.5	16.5	GT	Nat Gas	FO2
Maine							
Bangor Hydro-Electric Co							
West Enfield (Penobscot)	1	6.5	6.6	6.4	HC	Water	
	2	6.5	6.6	6.4	HC	Water	
Michigan							
Newberry City of							
Newberry (Luce)	4	1.8	1.5	1.5	IC	FO2	
Sebewaing City of							
Pine Street (Huron)	3	1.1	1.1	1.1	IC	FO2	
	4	1.1	1.1	1.1	IC	FO2	
Upper Peninsula Power Co							
AuTrain (Alger)	1	0.5	0.5	0.5	HC	Water	
	2	0.5	0.6	0.6	HC	Water	
Cataract (Marquette)	1	2.0	1.5	1.5	HC	Water	
Hoist (Marquette)	1	1.0	1.0	1.0	HC	Water	
	2	1.4	1.5	1.5	HC	Water	
	3	2.0	1.8	1.8	HC	Water	
McClure (Marquette)	1	4.0	4.3	4.3	HC	Water	
	2	4.0	4.4	4.4	HC	Water	
Minnesota							
Minnesota Power & Light Co							
Blanchard (Morrison)	3	6.0	6.1	5.9	HC	Water	
Missouri							
Monroe City City of							
Monroe (Monroe)	10	1.6	1.6	1.6	IC	FO2	
	8	1.6	1.6	1.6	IC	FO2	
	9	1.6	1.6	1.6	IC	FO2	
Owensville City of							
Owensville (Gasconade)	6	1.4	1.3	1.3	IC	FO2	
New Mexico							
Farmington City of							
Navajo (San Juan)	1	15.0	16.0	15.1	HC	Water	
	2	15.0	16.0	16.0	HC	Water	
New York							
Hydro Development Group Inc							
Dexter (Jefferson)	7	1.3	1.2	1.2	HC	Water	
	8	1.3	1.2	1.2	HC	Water	

See footnotes at end of table.

Table 18. Electric Generating Units that Started Operation in 1988, by State, Company, and Plant (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate
New York							
Niagara Mohawk Power Corp							
Oswegatchie (St Lawrence)	N1	0.2	0.2	0.2	HC	Water	
North Carolina							
Fayetteville Public Works Comm							
Warner Generation Pl (Cumberland)	9	59.4	50.0	54.2	CW	WH	
Ohio							
Bryan City of							
Bryan (Williams)	2	16.0	14.0	19.0	GT	Nat Gas	
Oklahoma							
Cushing City of							
Cushing (Payne)	11	6.3	5.8	5.8	IC	FO2	Nat Gas
Pennsylvania							
Allegheny Electric Coop Inc							
Wm F Matson Gen Stat (Juniata)	1	7.0	7.2	6.9	HC	Water	
	2	14.7	15.5	14.9	HC	Water	
Texas							
Austin City of							
Decker Creek (Travis)	GT1	51.6	50.0	50.0	GT	Nat Gas	FO2
	GT2	51.6	50.0	50.0	GT	Nat Gas	FO2
	GT3	51.6	50.0	50.0	GT	Nat Gas	FO2
	GT4	51.6	50.0	50.0	GT	Nat Gas	FO2
Houston Lighting & Power Co							
South Texas (Matagorda)	1*	1354.3	1250.6	1250.6	NP	Uranium	
Lower Colorado River Authority							
Sam Seymour (Fayette)	3	460.0	405.0	405.0	ST	SUB	LIG
Texas Utilities Generating Co							
Morgan Creek (Mitchell)	CT1	89.5	65.0	80.0	GT	Nat Gas	FO2
	CT2	89.5	65.0	80.0	GT	Nat Gas	FO2
	CT3	89.5	65.0	80.0	GT	Nat Gas	FO2
	CT4	89.5	65.0	80.0	GT	Nat Gas	FO2
	CT5	89.5	65.0	80.0	GT	Nat Gas	FO2
	CT6	89.5	65.0	80.0	GT	Nat Gas	FO2
Utah							
Manti City of							
Manti Lower (Sanpete)	HC1	0.6	0.6	0.6	HL	Water	
	2	0.6	0.6	0.1	HL	Water	
Manti Upper (Sanpete)	HC2	1.0	0.8	0.8	HC	Water	
Springville City of							
Bartholomew (Utah)	2	1.0	1.0	0.9	HL	Water	
Vermont							
Vermont Marble Co							
Beldens (Addison)	HC3	4.1	4.1	4.1	HC	Water	
Huntington Falls (Addison)	HC3	4.1	4.1	4.1	HC	Water	

See footnotes at end of table.

Table 18. Electric Generating Units that Started Operation in 1988, by State, Company, and Plant (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]	
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate
Wisconsin							
Dahlberg Light & Power Co							
Solon Diesel (Douglas)	1	1.0	1.0	1.0	IC	FO2	
	2	1.0	1.0	1.0	IC	FO2	
Kaukauna City of							
Combined Locks (Outagamie)	HC1	3.1	3.1	3.0	HC	Water	
	HC2	3.1	3.1	3.0	HC	Water	
Northern States Power Co							
Jim Falls (Chippewa)	HC1	24.8	26.6	25.3	HC	Water	
	HC2	24.8	26.6	25.3	HC	Water	

[1] See Appendix B for definitions of codes.

* A jointly owned unit. See Appendix C for the list of owners.

Note: Where capacity appears as 0.0, value is less than 50 kW.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 19. Electric Generating Units Retired from Service in 1988, by State, Company, and Plant

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Alaska								
Kotzebue Electric Assn Inc								
Kotzebue (Kobuk)	5	1.0	1.0	1.0	IC	FO2		1967
Naknek Electric Assn Inc								
Naknek (Bristol Bay)	10	1.1	1.1	1.1	IC	FO2		1983
	9	1.1	1.1	1.1	IC	FO2		1982
California								
Los Angeles City of								
Harbor Gen Station (Los Angeles)	1	65.0	72.0	72.0	ST	Nat Gas	FO6	1943
	2	65.0	67.0	67.0	ST	Nat Gas	FO6	1947
Pacific Gas & Electric Co								
Oleum (Contra Costa)	1	40.0	41.0	41.0	ST	FO6	Nat Gas	1941
	2	40.0	46.0	46.0	ST	FO6	Nat Gas	1943
Solano Wind (Solano)	1	2.5	1.0	1.0	WT	Wind		1982
Southern California Edison Co								
Solar (San Bernardino)	1*	12.5	10.0	10.0	SS	SUN		1984
Delaware								
Seaford City of								
Seaford (Sussex)	3	1.1	1.1	1.1	IC	FO2		1950
Florida								
Florida Keys El Coop Assn Inc								
Marathon (Monroe)	1	1.0	0.8	0.8	IC	FO2		1953
	2	1.0	0.8	0.8	IC	FO2		1953
Florida Power & Light Co								
Mobile Trailer (Dade)	1	0.1	0.0	0.0	IC	FO2		1968
	10	0.4	0.4	0.4	IC	FO2		1965
	11	0.4	0.4	0.4	IC	FO2		1965
	12	0.4	0.4	0.4	IC	FO2		1967
	14	0.4	0.4	0.4	IC	FO2		1967
	2	0.1	0.1	0.1	IC	FO2		1947
	201	1.3	1.3	1.3	IC	FO2		1965
	3	0.1	0.1	0.1	IC	FO2		1947
Lake Worth City of								
Tom G Smith (Palm Beach)	S2	7.5	7.0	8.0	ST	Nat Gas	FO6	1963
Illinois								
Iowa-Illinois Gas&Electric Co								
Moline (Rock Island)	GT4	18.0	15.0	18.0	GT	Nat Gas	FO2	1970
Iowa								
Harlan City of								
Harlan (Shelby)	1	1.5	1.1	1.1	IC	FO2		1946
	2	0.3	0.3	0.3	IC	FO2		1929
	3	0.4	0.3	0.3	IC	FO2		1929
	4	0.7	0.5	0.5	IC	FO2		1936
	5	1.4	1.1	1.1	IC	FO2		1938
	6	2.0	1.3	1.3	IC	FO2		1949
Independence City of								
Independence (Buchanan)	2	0.7	0.6	0.6	IC	FO2	Nat Gas	1939
	3	0.5	0.4	0.4	IC	FO2	Nat Gas	1934
Iowa Public Service Co								
Maynard Station (Black Hawk)	7	54.4	49.0	49.0	ST	BIT	Nat Gas	1958

See footnotes at end of table.

Table 19. Electric Generating Units Retired from Service in 1988, by State, Company, and Plant (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Iowa								
Iowa-Illinois Gas&Electric Co								
Coralville (Johnson)	4	18.0	16.1	19.8	GT	Nat Gas	FO2	1970
Riverside (Scott)	ST4	46.0	50.1	50.1	ST	BIT	Nat Gas	1949
Keosauqua City of								
Keosauqua Lt & Pwr (Van Buren)	1	0.3	0.3	0.3	IC	FO2		1950
	2	0.3	0.3	0.3	IC	FO2		1950
	3	0.5	0.5	0.5	IC	FO2		1953
Kansas								
Chanute City of								
Chanute 1 (Neosho)	3	2.5	2.3	2.5	ST	Nat Gas	FO6	1935
Louisiana								
Louisiana Power & Light Co								
Lake Providence (East Carroll)	2	0.5	11.0[2]	11.0[2]	IC	Nat Gas	FO2	1939
	4	1.4	-[2]	-[2]	IC	Nat Gas	FO2	1953
	5	1.5	-[2]	-[2]	IC	Nat Gas	FO2	1958
	6	2.0	-[2]	-[2]	IC	Nat Gas	FO2	1967
	7	2.0	-[2]	-[2]	IC	Nat Gas	FO2	1967
	8	4.5	-[2]	-[2]	IC	Nat Gas	FO2	1971
Maryland								
Berlin City of								
Berlin (Worcester)	5	1.4	1.4	1.4	IC	FO2		1956
Minnesota								
Barnesville City of								
Barnesville (Clay)	1	0.5	0.5	0.5	IC	FO2		1951
	2	0.5	0.5	0.5	IC	FO2		1951
	3	0.6	0.6	0.6	IC	FO2		1954
Fosston City of								
Fosston (Polk)	1	0.6	0.6	0.6	IC	FO2		1940
	2	0.3	0.3	0.3	IC	FO2		1940
	3	0.1	0.1	0.1	IC	FO2		1946
Rochester Public Utilities								
Silver Lake (Olmsted)	1	8.0	9.1	9.1	ST	BIT	Nat Gas	1948
	2	12.0	13.8	13.8	ST	BIT	Nat Gas	1953
Missouri								
Memphis City of								
Memphis (Scotland)	2	0.2	0.2	0.2	IC	FO2		1934
	4	0.3	0.3	0.3	IC	FO2		1946
	5	0.3	0.3	0.3	IC	FO2		1951
Union Electric Co								
Canton (Lewis)	4	0.8	0.8	0.9	IC	FO2		1947
Charleston (Mississippi)	1	1.0	2.0[2]	2.0[2]	IC	FO2		1948
	2	1.0	-[2]	-[2]	IC	FO2		1948
La Grange (Lewis)	1	1.0	1.0	1.0	IC	FO2		1936
Moberly (Randolph)	1	1.0	2.0	2.0	IC	FO2		1948
	2	1.0	2.0	2.0	IC	FO2		1948
Montgomery (Montgomery)	1	1.0	1.0	1.0	IC	FO2		1948
Nebraska								
Nebraska Public Power District								
Blue Springs (Gage)	1	0.2	0.0	0.0	HC	Water		1922
	2	0.3	0.2	0.2	HC	Water		1922

See footnotes at end of table.

Table 19. Electric Generating Units Retired from Service in 1988, by State, Company, and Plant (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Nebraska								
Omaha Public Power District								
Jones Street (Douglas)	11	34.5	34.0	34.0	ST	FO2	Nat Gas	1949
	12	49.0	44.6	45.2	ST	FO2	Nat Gas	1951
New Mexico								
Aztec City of								
Aztec (San Juan)	1	0.8	0.8	0.8	IC	Nat Gas		1953
	2	0.8	0.8	0.8	IC	Nat Gas		1953
New York								
Niagara Mohawk Power Corp								
Trenton Falls (Oneida)	1	1.0	1.0	1.0	HC	Water		1901
	2	1.0	1.0	1.0	HC	Water		1901
	3	1.0	1.0	1.0	HC	Water		1901
	4	1.0	1.0	1.0	HC	Water		1901
Texas								
Southwestern Electric Serv Co								
Rosebud (Falls)	1	0.7	0.7	0.7	IC	FO2		1950
Weatherford City of								
Weatherford (Parker)	1	0.3	0.3	0.3	IC	FO2		1940
	2	0.3	0.3	0.3	IC	FO2		1940
	3	0.3	0.3	0.3	IC	FO2		1940
West Texas Utilities Co								
Abilene (Taylor)	3	7.5	3.0	3.0	ST	Nat Gas	FO5	1948
Concho (Tom Green)	4	37.5	35.0	37.0	ST	Nat Gas	FO5	1953
Utah								
Logan City of								
Logan Diesel (Cache)	IC5	1.5	0.7	0.7	IC	FO2		1937
Virginia								
Culpeper Town of								
Culpeper (Culpeper)	1	0.9	0.8	0.9	IC	Nat Gas	FO2	1951
Wisconsin								
La Farge Municipal Electric Co								
La Farge (Vernon)	HY1	0.1	0.0	0.1	HC	Water		1961
Madison Gas & Electric Co								
Sprecher (Dane)	1	0.0	0.0	0.0	WT	Wind		1984
Northern States Power Co								
Jim Falls (Chippewa)	1	4.8	3.8	3.8	HC	Water		1923
	2	4.8	3.8	3.8	HC	Water		1923
	3	4.8	3.8	3.8	HC	Water		1923
Wisconsin Electric Power Co								
Commerce (Milwaukee)	15	35.0	31.0	27.0	ST	Nat Gas	FO2	1941
North Oak Creek (Milwaukee)	3	130.0	107.0	112.0	ST	BIT		1955
	4	130.0	114.0	119.0	ST	BIT		1957

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[1] See Appendix B for definitions of codes.

[*] A jointly owned unit. See Appendix C for the list of owners.

[2] Individual summer and winter capabilities for these generators are not available. Within plant, reported value is the aggregated capability of all these generators.

Note: Where capacity appears as 0.0, value is less than 50 kW.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Alabama								
Alabama Electric Coop Inc								
Charles R Lowman (Washington)	1	66.0	80.0	80.0	ST	BIT		1969
	2	233.0	235.0	235.0	ST	BIT		1978
	3	233.0	234.0	234.0	ST	BIT		1980
Gantt (Covington)	3	1.2	1.2	1.2	HC	Water		1926
	4	1.8	1.8	1.8	HC	Water		1984
McWilliams (Covington)	1	7.5	9.6	9.6	ST	BIT		1954
	2	7.5	9.7	9.7	ST	BIT		1954
	3	25.0	23.5	23.5	ST	BIT		1959
Point A (Covington)	1	1.6	1.6	1.6	HC	Water		1925
	2	1.6	1.6	1.6	HC	Water		1925
	3	2.0	2.0	2.0	HC	Water		1949
Alabama Power Co								
Bankhead Dam (Tuscaloosa)	1	45.1	50.0	50.0	HC	Water		1963
Barry (Mobile)	1	153.1	139.7	139.7	ST	BIT	Nat Gas	1954
	2	153.1	139.0	139.0	ST	BIT	Nat Gas	1954
	3	272.0	253.6	253.6	ST	BIT	Nat Gas	1959
	4	403.8	369.6	369.6	ST	BIT	Nat Gas	1969
	5	788.8	739.1	739.1	ST	BIT	Nat Gas	1971
Chickasaw (Mobile)	3	46.0	48.2	48.2	ST	FO2	Nat Gas	1951
E C Gaston (Shelby)	GT4*	21.3	15.8	17.4	GT	FO2		1970
	ST4*	244.8	266.0	266.0	ST	BIT		1962
	1*	272.0	258.9	258.9	ST	BIT		1960
	2*	272.0	262.8	262.8	ST	BIT		1960
	3*	272.0	259.9	259.9	ST	BIT		1961
	5	952.0	884.1	884.1	ST	BIT		1974
Gadsden (Etowah)	1	69.0	68.1	68.1	ST	BIT	Nat Gas	1949
	2	69.0	69.2	69.2	ST	BIT	Nat Gas	1949
Gorgas (Walker)	10	788.8	729.7	729.7	ST	BIT		1972
	5	69.0	61.3	61.3	ST	BIT		1944
	6	125.0	109.2	109.2	ST	BIT		1951
	7	125.0	113.9	113.9	ST	BIT		1952
	8	187.5	172.9	172.9	ST	BIT		1956
	9	190.4	182.4	182.4	ST	BIT		1958
Greene County (Greene)	1*	299.2	255.6	255.6	ST	BIT		1965
	2*	269.3	256.1	256.1	ST	BIT		1966
H Neely Henry Dam (Calhoun)	1	24.3	24.0	23.0	HC	Water		1966
	2	24.3	24.0	23.0	HC	Water		1966
	3	24.3	24.0	23.0	HC	Water		1966
Harris Dam (Randolph)	1	67.5	67.5	62.5	HC	Water		1983
	2	67.5	67.5	62.5	HC	Water		1983
Holt Dam (Tuscaloosa)	1	40.0	43.0	43.0	HC	Water		1968
James H Miller Jr (Jefferson)	1	705.5	667.3	667.3	ST	BIT		1978
	2	705.5	667.4	667.4	ST	BIT		1985
Jordan Dam (Elmore)	1	25.0	34.8	34.8	HC	Water		1928
	2	25.0	34.8	34.8	HC	Water		1928
	3	25.0	34.8	34.8	HC	Water		1928
	4	25.0	34.8	34.8	HC	Water		1928
Joseph M Farley (Houston)	1	888.3	815.5	815.5	NP	Uranium		1977
	2	888.3	825.0	825.0	NP	Uranium		1981
Lay Dam (Chilton)	1	29.5	30.2	30.2	HC	Water		1968
	2	29.5	30.2	30.2	HC	Water		1968
	3	29.5	30.2	30.2	HC	Water		1967
	4	29.5	30.2	30.2	HC	Water		1967
	5	29.5	30.2	30.2	HC	Water		1967
	6	29.5	30.2	30.2	HC	Water		1967
Lewis Smith Dam (Walker)	1	78.8	92.5	87.5	HC	Water		1961
	2	78.8	92.5	87.5	HC	Water		1962
Logan Martin Dam (Talladega)	1	42.8	46.3	41.4	HC	Water		1964
	2	42.8	46.3	41.3	HC	Water		1964
	3	42.8	46.4	41.3	HC	Water		1964
Martin Dam (Elmore)	1	33.0	34.5	29.3	HC	Water		1926
	2	33.0	34.5	29.3	HC	Water		1926
	3	33.0	34.5	29.3	HC	Water		1926
	4	55.2	57.5	49.1	HC	Water		1952
Mitchell Dam (Coosa)	4	20.0	19.9	19.9	HC	Water		1949
	5	50.0	49.7	49.7	HC	Water		1985

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	**Unit ID**	**Capacity**			**Unit Type**[1]	**Energy Source**[1]		**Year of Initial Operation**
		Generator Nameplate (megawatts)	**Summer Capability (megawatts)**	**Winter Capability (megawatts)**		**Primary**	**Alternate**	
Alabama								
Alabama Power Co	6	50.0	49.7	49.7	HC	Water		1985
	7	50.0	49.7	49.7	HC	Water		1985
Thurlow Dam (Elmore)	1	25.0	28.5	28.5	HC	Water		1930
	2	25.0	28.5	28.5	HC	Water		1930
	3	8.0	9.0	9.0	HC	Water		1930
Walter Bouldin Dam (Elmore)	1	75.0	77.3	77.3	HC	Water		1967
	2	75.0	77.3	77.3	HC	Water		1967
	3	75.0	77.3	77.3	HC	Water		1967
Weiss Dam (Cherokee)	1	29.3	26.0	21.7	HC	Water		1962
	2	29.3	26.0	21.7	HC	Water		1961
	3	29.3	26.0	21.6	HC	Water		1961
Yates Dam (Elmore)	1	16.0	16.0	16.0	HC	Water		1928
	2	16.0	16.0	16.0	HC	Water		1928
Tennessee Valley Authority								
Browns Ferry (Limestone)	1	1152.0	1065.0	1065.0	NB	Uranium		1973
	2	1152.0	1065.0	1065.0	NB	Uranium		1974
	3	1152.0	1065.0	1065.0	NB	Uranium		1976
Colbert (Limestone)	GT1	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT2	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT3	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT4	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT5	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT6	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT7	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	GT8	59.5	50.0	59.0	GT	Nat Gas	FO2	1972
	1	200.0	194.0	200.0	ST	BIT		1954
	2	200.0	194.0	200.0	ST	BIT		1955
	3	200.0	194.0	200.0	ST	BIT		1955
	4	200.0	194.0	200.0	ST	BIT		1955
	5	550.0	500.0	500.0	ST	BIT		1965
Guntersville (Marshall)	1	28.8	27.0	27.0	HC	Water		1939
	2	28.8	27.0	27.0	HC	Water		1939
	3	28.8	27.0	27.0	HC	Water		1939
	4	28.8	27.0	27.0	HC	Water		1951
Wheeler (Lawrence)	1	35.1	33.1	33.1	HC	Water		1936
	10	32.4	33.1	33.1	HC	Water		1963
	11	32.4	33.1	33.1	HC	Water		1963
	2	35.1	33.1	33.1	HC	Water		1937
	3	35.1	33.1	33.1	HC	Water		1940
	4	35.1	33.1	33.1	HC	Water		1940
	5	35.1	33.1	33.1	HC	Water		1948
	6	35.1	33.1	33.1	HC	Water		1948
	7	35.1	33.1	33.1	HC	Water		1949
	8	35.1	33.1	33.1	HC	Water		1950
	9	32.4	33.1	33.1	HC	Water		1962
Widows Creek (Jackson)	1	140.6	127.0	130.0	ST	BIT		1952
	2	140.6	127.0	130.0	ST	BIT		1952
	3	140.6	127.0	130.0	ST	BIT		1952
	4	140.6	127.0	130.0	ST	BIT		1952
	5	140.6	127.0	130.0	ST	BIT		1954
	6	140.6	127.0	130.0	ST	BIT		1954
	7	575.0	500.0	500.0	ST	BIT		1960
	8	550.0	500.0	500.0	ST	BIT		1964
Wilson (Lauderdale)	1	23.0	23.0	23.0	HC	Water		1967
	10	25.2	25.0	25.0	HC	Water		1942
	11	25.2	25.0	25.0	HC	Water		1942
	12	25.2	25.0	25.0	HC	Water		1941
	13	25.2	25.0	25.0	HC	Water		1949
	14	25.2	25.0	25.0	HC	Water		1943
	15	25.2	25.0	25.0	HC	Water		1943
	16	25.2	25.0	25.0	HC	Water		1943
	17	25.2	25.0	25.0	HC	Water		1949
	18	25.2	26.0	26.0	HC	Water		1949
	19	54.0	54.0	54.0	HC	Water		1961
	2	23.0	23.0	23.0	HC	Water		1968
	20	54.0	54.0	54.0	HC	Water		1962

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Alabama								
Tennessee Valley Authority								
	21	54.0	54.0	54.0	HC	Water		1962
	3	23.0	23.0	23.0	HC	Water		1968
	4	23.0	23.0	23.0	HC	Water		1968
	5	31.0	31.0	31.0	HC	Water		1968
	6	31.0	31.0	31.0	HC	Water		1968
	7	31.0	31.0	31.0	HC	Water		1968
	8	31.0	31.0	31.0	HC	Water		1967
	9	25.2	25.0	25.0	HC	Water		1968
USCE-Mobile District								
Jones Bluff (Autauga)	1	17.0	17.0	17.0	HC	Water		1975
	2	17.0	17.0	17.0	HC	Water		1975
	3	17.0	17.0	17.0	HC	Water		1975
	4	17.0	17.0	17.0	HC	Water		1975
Millers Ferry (Wilcox)	1	25.0	75.0[2]	75.0[2]	HC	Water		1970
	2	25.0	-[2]	-[2]	HC	Water		1970
	3	25.0	-[2]	-[2]	HC	Water		1970
Alaska								
Alaska Electric G & T Coop Inc								
Soldotna (Kenai Peninsula)	GT1*	37.9	37.9	42.0	GT	FO2	Nat Gas	1985
Alaska Electric Light&Power Co								
Annex Creek (Juneau)	5	1.8	1.3	1.6	HL	Water		1915
	6	1.8	1.8	1.6	HL	Water		1915
Gold Creek (Juneau)	IC1	1.3	1.3	1.3	IC	FO2		1952
	IC2	1.3	1.3	1.3	IC	FO2		1954
	IC3	1.2	1.2	1.2	IC	FO2		1961
	IC4	1.2	1.2	1.2	IC	FO2		1963
	IC5	3.5	3.5	3.5	IC	FO2		1966
	1	0.8	0.8	0.2	HL	Water		1951
	2	0.4	0.4	0.1	HL	Water		1906
	3	0.4	0.4	0.1	HL	Water		1906
Lemon Creek (Juneau)	IC10	2.5	2.5	2.5	IC	FO2		1984
	IC11	2.5	2.5	2.5	IC	FO2		1984
	IC12	2.5	2.5	2.5	IC	FO2		1984
	LC8	2.5	2.5	2.5	IC	FO2		1985
	LC9	2.5	2.5	2.5	IC	FO2		1985
	1	2.5	2.5	2.5	IC	FO2		1969
	2	2.5	2.5	2.5	IC	FO2		1969
	3	2.5	2.5	2.5	IC	FO2		1974
	5	17.5	17.5	17.5	GT	FO2		1980
	6	17.5	17.5	17.5	GT	FO2		1983
	7	2.5	2.5	2.5	IC	FO2		1983
Salmon Creek 1 (Juneau)	HY7	6.7	6.7	5.6	HL	Water		1984
Salmon Creek 2 (Juneau)	HY3	1.4	1.4	1.0	HL	Water		1913
	HY4	1.4	1.4	1.0	HL	Water		1913
Alaska Power & Telephone Co								
Craig (Prince of Wales)	IC2	0.3	0.3	0.3	IC	FO2		1978
	1	0.7	0.7	0.7	IC	FO2		1984
	3	0.3	0.3	0.3	IC	FO2		1979
	4	0.3	0.3	0.3	IC	FO2		1980
	5	1.1	1.1	1.1	IC	FO2		1983
Dot Lake (Fairbanks North Star)	IC1	0.1	0.1	0.1	IC	FO2	FO1	1980
	IC2	0.1	0.1	0.1	IC	FO2	FO1	1980
Hydaburg (Prince of Wales)	1	0.1	0.1	0.1	IC	FO2		1966
	2	0.1	0.1	0.1	IC	FO2		1982
	3	0.3	0.3	0.3	IC	FO2		1983
	4	0.1	0.1	0.1	IC	FO2		1978
	5	0.3	0.3	0.3	IC	FO2		1985
Skagway (Juneau)	1	0.1	0.1	0.1	HC	Water		1957
	10	1.3	1.3	1.3	IC	FO2		1980
	2	0.4	0.4	0.2	HC	Water		1909
	3	0.3	0.3	0.2	HC	Water		1981
	4	0.2	0.0	0.0	HC	Water		1987

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Alaska								
Alaska Power & Telephone Co								
	6A	0.9	0.9	0.9	IC	FO2		1986
	7	0.2	0.2	0.2	IC	FO2		1966
	8	0.3	0.3	0.3	IC	FO2		1968
	9	1.3	1.3	1.3	IC	FO2		1977
Tok (Fairbanks North Star)	1	0.2	0.2	0.2	IC	FO2	FO1	1960
	2	0.2	0.2	0.2	IC	FO2	FO1	1960
	3	0.3	0.3	0.3	IC	FO2	FO1	1961
	4	0.3	0.3	0.3	IC	FO2	FO1	1964
	5	0.3	0.3	0.3	IC	FO2	FO1	1966
	6	1.0	1.0	1.0	IC	FO2	FO1	1977
	7	1.3	1.3	1.3	IC	FO2	FO1	1984
	8	0.4	0.4	0.4	IC	FO2	FO1	1985
	9	0.9	0.9	0.9	IC	FO2	FO1	1985
Alaska Power Administration								
Eklutna (Matanuska-Susitna)	1	15.0	15.0	15.0	HC	Water		1954
	2	15.0	15.0	15.0	HC	Water		1955
Snettisham (Juneau)	1	23.6	23.6	23.6	HC	Water		1973
	2	23.6	23.6	23.6	HC	Water		1973
Alaska Village Elec Coop Inc								
Alakanuk (Bethel)	1A	0.3	0.3	0.3	IC	FO1		1986
	2	0.2	0.2	0.2	IC	FO1		1970
	3	0.3	0.3	0.3	IC	FO1		1974
Ambler (Kobuk)	IC2	0.2	0.2	0.2	IC	FO1		1984
	1	0.2	0.2	0.2	IC	FO1		1984
	3	0.1	0.1	0.1	IC	FO1		1977
Anvik (Bethel)	1	0.1	0.1	0.1	IC	FO1		1971
	2	0.1	0.1	0.1	IC	FO1		1969
	3	0.1	0.1	0.1	IC	FO1		1970
Chevak (Bethel)	1	0.3	0.3	0.3	IC	FO1		1977
	2	0.2	0.2	0.2	IC	FO1		1976
	3	0.4	0.4	0.4	IC	FO1		1979
Eek (Bethel)	1	0.1	0.1	0.1	IC	FO1		1977
	2	0.1	0.1	0.1	IC	FO1		1970
	3	0.2	0.1	0.2	IC	FO1		1988
Elim (Nome)	1	0.1	0.2	0.2	IC	FO1		1975
	2A	0.1	0.1	0.1	IC	FO2		1986
	3	0.1	0.1	0.1	IC	FO1		1971
Emmonak (Bethel)	2	0.3	0.3	0.3	IC	FO1		1977
	4	0.3	0.3	0.3	IC	FO1		1980
	5	0.5	0.5	0.5	IC	FO1		1988
Gambell (Nome)	IC1	0.3	0.3	0.3	IC	FO1		1985
	IC2	0.3	0.3	0.3	IC	FO1		1985
	IC3	0.3	0.3	0.3	IC	FO1		1985
Goodnews Bay (Bethel)	IC2	0.2	0.2	0.2	IC	FO1		1985
	1	0.1	0.1	0.1	IC	FO1		1970
	3	0.1	0.1	0.1	IC	FO1		1971
Grayling (Bethel)	1A	0.1	0.1	0.1	IC	FO1		1987
	2	0.1	0.1	0.1	IC	FO1		1971
	3	0.2	0.2	0.2	IC	FO1		1969
Holy Cross (Bethel)	1	0.2	0.2	0.2	IC	FO1		1977
	2	0.1	0.1	0.1	IC	FO1		1971
	3	0.2	0.2	0.2	IC	FO2		1986
Hooper Bay (Bethel)	1	0.2	0.2	0.2	IC	FO1		1969
	3	0.3	0.3	0.3	IC	FO1		1975
	4	0.3	0.3	0.3	IC	FO1		1980
Huslia (Anchorage)	1	0.1	0.1	0.1	IC	FO1		1969
	2A	0.2	0.2	0.2	IC	FO1		1987
	3	0.2	0.2	0.2	IC	FO1		1984
Kaltag (Kobuk)	1	0.1	0.1	0.1	IC	FO1		1974
	2	0.2	0.2	0.2	IC	FO1		1972
	3	0.2	0.2	0.2	IC	FO1		1984
Kiana (Kobuk)	1	0.3	0.3	0.3	IC	FO1		1975
	2	0.3	0.3	0.3	IC	FO1		1977
	3	0.1	0.1	0.1	IC	FO1		1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Alaska								
Alaska Village Elec Coop Inc								
	4	0.2	0.2	0.2	IC	FO1		1984
Kivalina (Kobuk)	1	0.2	0.2	0.2	IC	FO1		1975
	2	0.3	0.3	0.3	IC	FO1		1977
	3	0.2	0.2	0.2	IC	FO1		1984
	4	0.2	0.0	0.2	IC	FO1		1986
Koyuk (Nome)	1	0.2	0.2	0.2	IC	FO1		1968
	2	0.1	0.1	0.1	IC	FO1		1970
	3	0.1	0.1	0.1	IC	FO1		1970
Lower Kalskag (Bethel)	1	0.2	0.2	0.2	IC	FO1		1983
	2A	0.3	0.3	0.3	IC	FO1		1986
	3	0.2	0.2	0.2	IC	FO1		1977
Marshall (Bethel)	1	0.2	0.2	0.2	IC	FO1		1970
	2A	0.2	0.2	0.2	IC	FO1		1987
	3	0.1	0.1	0.1	IC	FO1		1970
Mekoryuk (Bethel)	1	0.1	0.1	0.1	IC	FO1		1969
	2	0.2	0.2	0.2	IC	FO1		1970
	3	0.2	0.2	0.2	IC	FO1		1970
Minto (Fairbanks North Star)	IC2	0.2	0.2	0.2	IC	FO1		1985
	IC3	0.2	0.2	0.2	IC	FO1		1985
	1	0.1	0.1	0.1	IC	FO1		1972
Mountain Village (Bethel)	1	0.3	0.3	0.3	IC	FO1		1984
	3	0.4	0.4	0.4	IC	FO1		1982
	4	0.4	0.4	0.4	IC	FO1		1982
	5	0.6	0.5	0.6	IC	FO1		1988
New Stuyahok (Dillingham)	IC2	0.2	0.2	0.2	IC	FO1		1984
	1A	0.1	0.1	0.1	IC	FO1		1986
Noatak (Kobuk)	1	0.2	0.2	0.2	IC	FO1		1977
	4	0.2	0.2	0.2	IC	FO1		1985
	5	0.2	0.2	0.2	IC	FO1		1985
Noorvik (Kobuk)	1	0.2	0.2	0.2	IC	FO1		1983
	2	0.3	0.3	0.3	IC	FO1		1984
	3	0.3	0.3	0.3	IC	FO1		1964
Nulato (Bethel)	1	0.3	0.3	0.3	IC	FO1		1976
	2	0.2	0.2	0.2	IC	FO1		1981
	3A	0.3	0.3	0.3	IC	FO1		1987
Nunapitchuk (Bethel)	2	0.3	0.3	0.3	IC	FO1		1975
	3	0.3	0.3	0.3	IC	FO1		1976
	4	0.5	0.5	0.5	IC	FO1		1986
Old Harbor (Kodiak Island)	1	0.2	0.2	0.2	IC	FO1		1980
	2	0.2	0.2	0.2	IC	FO1		1980
Pilot Station (Bethel)	1	0.1	0.1	0.1	IC	FO1		1970
	2	0.3	0.3	0.3	IC	FO1		1977
	3	0.2	0.2	0.2	IC	FO1		1982
Quinhagak (Bethel)	1	0.2	0.2	0.2	IC	FO1		1976
	2	0.2	0.2	0.2	IC	FO1		1970
	3A	0.3	0.3	0.3	IC	FO1		1987
Russian Mission (Yukon-Koyukuk)	1	0.1	0.1	0.1	IC	FO1		1986
	2	0.1	0.1	0.1	IC	FO1		1986
Savoonga (Nome)	1	0.3	0.3	0.3	IC	FO1		1975
	2	0.3	0.3	0.3	IC	FO1		1978
	3	0.1	0.1	0.1	IC	FO1		1971
	4	0.3	0.3	0.3	IC	FO1		1987
Scammon Bay (Bethel)	1A	0.2	0.2	0.2	IC	FO1		1987
	2	0.1	0.1	0.1	IC	FO1		1974
	3	0.2	0.2	0.2	IC	FO1		1986
Selawik (Kobuk)	1	0.3	0.3	0.3	IC	FO1		1974
	3A	0.3	0.3	0.3	IC	FO1		1978
	4	0.2	0.2	0.2	IC	FO1		1986
Shageluk (Bethel)	1	0.1	0.1	0.1	IC	FO1		1984
	2	0.1	0.1	0.1	IC	FO1		1971
	3	0.1	0.1	0.1	IC	FO1		1971
Shaktoolik (Nome)	1	0.1	0.1	0.1	IC	FO2		1971
	2A	0.1	0.1	0.1	IC	FO1		1987
	3	0.2	0.2	0.2	IC	FO1		1970
Shishmaref (Nome)	2	0.3	0.3	0.3	IC	FO1		1976
	3	0.3	0.3	0.3	IC	FO1		1977

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Alaska								
Alaska Village Elec Coop Inc	4	0.3	0.0	0.3	IC	FO1		1988
Shungnak (Kobuk)	IC3	0.2	0.2	0.2	IC	FO1		1985
	1	0.1	0.1	0.1	IC	FO1		1974
	2	0.2	0.2	0.2	IC	FO1		1981
	4	0.2	0.2	0.2	IC	FO1		1985
St Marys (Bethel)	1	0.4	0.4	0.4	IC	FO1		1977
	2	0.6	0.6	0.6	IC	FO1		1980
	3	0.3	0.3	0.3	IC	FO1		1974
St Michael (Nome)	1	0.1	0.1	0.1	IC	FO1		1977
	2	0.2	0.2	0.2	IC	FO1		1984
	3	0.2	0.2	0.2	IC	FO1		1972
Stebbins (Nome)	1	0.1	0.1	0.1	IC	FO1		1983
	2	0.1	0.1	0.1	IC	FO1		1982
Togiak (Dillingham)	2	0.3	0.3	0.3	IC	FO1		1970
	4	0.3	0.3	0.3	IC	FO1		1986
	5	0.3	0.3	0.3	IC	FO1		1986
Toksook Bay (Bethel)	1	0.3	0.3	0.3	IC	FO1		1975
	2	0.2	0.2	0.2	IC	FO1		1984
	3	0.2	0.2	0.2	IC	FO1		1984
Tununak (Bethel)	1	0.2	0.2	0.2	IC	FO1		1970
	2A	0.1	0.1	0.1	IC	FO1		1987
	3	0.1	0.1	0.1	IC	FO1		1970
Wales (Nome)	IC2	0.1	0.1	0.1	IC	FO1		1985
	1A	0.1	0.1	0.1	IC	FO1		1987
	3	0.1	0.1	0.1	IC	FO1		1972
Anchorage City of								
Anchorage 1 (Anchorage)	D1	1.1	1.2	1.2	IC	FO2		1972
	D2	1.1	1.4	1.4	IC	FO2		1972
	1	12.5	14.0	16.2	GT	Nat Gas	FO2	1962
	2	12.5	14.0	16.2	GT	Nat Gas	FO2	1962
	3	16.3	17.7	19.4	GT	Nat Gas	FO2	1968
	4	27.0	31.1	33.2	GT	Nat Gas	FO2	1972
George M Sullivan (Anchorage)	GT8	92.6	77.7	86.5	GT	Nat Gas	FO2	1984
	5	38.1	33.8	37.4	CT	Nat Gas	FO2	1975
	6	33.0	34.0	37.5	CW	WH		1978
	7	102.6	74.4	81.8	CT	Nat Gas	FO2	1979
Bethel Utilities Corp Inc								
Bethel (Bethel)	1	2.1	2.1	2.1	IC	FO2		1976
	2	2.1	2.1	2.1	IC	FO2		1976
	3	2.1	2.1	2.1	IC	FO2		1976
	4	2.1	2.1	2.1	IC	FO2		1976
	5	1.0	1.0	1.0	IC	FO2		1984
Chugach Electric Assn Inc								
Beluga (Kenai Peninsula)	1	18.8	14.4	17.2	GT	Nat Gas		1967
	2	18.8	14.4	17.2	GT	Nat Gas		1967
	3	65.7	48.7	61.7	GT	Nat Gas		1972
	4	12.0	8.1	9.4	GT	Nat Gas		1976
	5	75.9	59.5	73.3	GT	Nat Gas		1975
	6	85.0	68.0	74.0	CT	Nat Gas		1976
	7	85.0	68.0	74.0	CT	Nat Gas		1978
	8	68.9	47.3	54.7	CW	WH		1981
Bernice Lake (Kenai Peninsula)	1	9.4	7.7	8.0	GT	Nat Gas	FO2	1963
	2	23.0	17.2	19.5	GT	Nat Gas	FO2	1971
	3	32.0	24.5	29.6	GT	Nat Gas	FO2	1979
	4	32.0	24.5	29.6	GT	Nat Gas	FO2	1981
Cooper Lake (Kenai Peninsula)	1	8.3	8.3	8.3	HC	Water		1961
	2	8.3	8.3	8.3	HC	Water		1961
International (Anchorage)	1	17.6	13.8	15.6	GT	Nat Gas	FO2	1964
	2	17.6	13.8	15.6	GT	Nat Gas	FO2	1965
	3	19.0	16.7	19.2	GT	Nat Gas	FO2	1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Alaska								
Copper Valley Elec Assn Inc								
Glennallen (Valdez-Cordova)	1	0.3	0.3	0.3	IC	FO2		1959
	2	0.3	0.3	0.3	IC	FO2		1959
	3	0.6	0.5	0.5	IC	FO2		1963
	4	0.6	0.5	0.5	IC	FO4		1966
	5	0.6	0.5	0.5	IC	FO4		1966
	6	2.6	2.0	2.0	IC	FO4		1976
	7	2.6	2.0	2.0	IC	FO4		1976
	8	2.8	2.8	2.8	GT	FO2		1974
Solomon Gulch (Valdez-Cordova)	1	6.0	3.6	6.0	HC	Water		1982
	2	6.0	3.5	6.0	HC	Water		1982
Valdez (Valdez-Cordova)	1	0.6	0.5	0.5	IC	FO2		1966
	2	0.6	0.5	0.5	IC	FO2		1966
	3	0.6	0.5	0.5	IC	FO2		1966
	4	1.8	1.5	1.5	IC	FO2		1972
	5	2.6	2.0	2.0	IC	FO2		1975
	6	1.0	0.8	0.8	IC	FO2		1974
Cordova Electric Coop Inc								
Eyak (Valdez-Cordova)	1	1.9	1.9	1.9	IC	FO2		1970
	2	3.0	2.7	2.7	IC	FO2		1973
	7	0.6	0.6	0.6	IC	FO2		1960
	8	0.8	0.7	0.7	IC	FO2		1961
Orca (Valdez-Cordova)	3	2.5	2.5	2.5	IC	FO2		1984
	4	2.4	2.4	2.4	IC	FO2		1984
Fairbanks City of								
Chena (Fairbanks North Star)	D1	2.8	2.8	3.0	IC	FO2		1967
	D2	2.8	2.8	3.0	IC	FO2		1968
	D3	2.8	2.8	3.0	IC	FO2		1969
	1	5.0	5.0	5.0	ST	SUB		1954
	2	2.0	2.0	2.0	ST	SUB		1951
	3	1.5	1.5	1.5	ST	SUB		1951
	4	5.3	5.3	7.0	GT	FO2		1963
	5	20.0	20.0	20.0	ST	SUB		1970
	6	23.1	23.1	29.3	GT	FO2		1976
Golden Valley Elec Assn Inc								
Fairbanks (Fairbanks North Star)	GT1	17.6	16.0	18.0	GT	FO2	FO4	1971
	GT2	17.6	16.3	18.0	GT	FO2	FO4	1972
	IC1	2.0	2.0	2.0	IC	FO2	FO4	1961
	IC2	2.0	2.0	2.0	IC	FO2	FO4	1961
	3	2.0	2.0	2.0	IC	FO2	FO4	1964
	5	2.6	2.6	2.6	IC	FO2	FO4	1970
	6	2.6	2.6	2.6	IC	FO2	FO4	1970
	7	2.8	2.8	2.8	IC	FO2	FO4	1970
	8	2.8	2.8	2.8	IC	FO2	FO4	1970
Healy (Fairbanks North Star)	IC1	2.5	2.5	2.5	IC	FO2		1967
	1	25.0	27.0	27.0	ST	SUB		1967
North Pole (Fairbanks North Star)	1	64.7	53.0	65.0	GT	FO4		1976
	2	64.7	53.0	65.0	GT	FO4		1977
Haines Light & Power Co Inc								
Haines (Haines)	IC8	0.8	0.8	0.8	IC	FO2		1985
	5	0.6	0.6	0.6	IC	FO2		1968
	6	0.8	0.8	0.8	IC	FO2		1969
	7	2.1	2.1	2.1	IC	FO2		1973
Homer Electric Assn Inc								
Seldovia (Kenai Peninsula)	1	0.3	0.3	0.3	IC	FO2		1964
	2	0.6	0.6	0.6	IC	FO2		1964
	3	0.6	0.6	0.6	IC	FO2		1970
	4	0.6	0.6	0.6	IC	FO2		1979

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Alaska								
Ketchikan City of								
Beaver Falls (Ketchikan Gateway)	1	1.0	1.0	1.0	HC	Water		1947
	3	2.0	2.0	1.7	HC	Water		1954
	4	2.0	2.0	1.7	HC	Water		1954
Ketchikan (Ketchikan Gateway)	HY3	1.4	1.4	1.2	HC	Water		1952
	4	1.4	1.4	1.2	HC	Water		1938
	5	1.4	1.4	1.2	HC	Water		1954
S W Bailey (Ketchikan Gateway)	1	4.5	4.0	4.0	IC	FO2		1969
	2	4.5	4.0	4.0	IC	FO2		1970
	3	6.5	6.5	6.5	IC	FO2		1976
Silvis (Ketchikan Gateway)	1	2.1	2.1	2.1	HC	Water		1968
Swan Lake Hydro (Ketchikan Gateway)	1[*]	11.3	11.3	11.3	HC	Water		1984
	2[*]	11.3	11.3	11.3	HC	Water		1984
Totem Bight (Ketchikan Gateway)	1	2.0	1.8	1.8	IC	FO2		1966
Kodiak Electric Assn Inc								
Kodiak (Kodiak Island)	1	2.5	2.5	2.5	IC	FO2		1976
	2	5.3	5.3	5.3	IC	FO2		1976
	3	5.3	5.3	5.3	IC	FO2		1976
	4	7.1	7.1	7.1	IC	FO2		1981
	6	2.0	2.0	2.0	IC	FO2		1968
	7	2.0	2.0	2.0	IC	FO2		1968
	8	2.7	2.0	2.0	IC	FO2		1968
	9	2.0	2.0	2.0	IC	FO2		1968
Port Lions (Kodiak Island)	1	0.4	0.3	0.3	IC	FO2		1968
	2	0.4	0.2	0.2	IC	FO2		1968
	3	0.2	0.2	0.2	IC	FO2		1971
	4	0.2	0.2	0.2	IC	FO2		1975
Terror Lake (Kodiak Island)	1	11.3	11.3	11.3	HC	Water		1984
	2	11.3	11.3	11.3	HC	Water		1984
Kotzebue Electric Assn Inc								
Kotzebue (Kobuk)	10	1.1	1.1	1.1	IC	FO2		1987
	3	0.5	0.5	0.5	IC	FO2		1960
	4	0.5	0.5	0.5	IC	FO2		1960
	6	2.7	2.6	2.6	IC	FO2		1974
	8	1.2	0.8	0.8	GT	FO2		1979
	9	1.8	1.8	1.8	IC	FO2		1983
Matanuska Electric Assn Inc								
Unalakleet (Matanuska-Susitna)	1	0.3	0.3	0.3	IC	FO2		1965
	2	0.5	0.5	0.5	IC	FO2		1982
	3	0.5	0.5	0.5	IC	FO2		1983
	4	0.5	0.5	0.5	IC	FO2		1983
Unalakleet-Wind (Matanuska-Susitna)	1	0.0	0.0	0.0	WT	Wind		1982
	2	0.0	0.0	0.0	WT	Wind		1982
	3	0.0	0.0	0.0	WT	Wind		1982
McGrath Light & Power Co								
McGrath (Yukon-Koyukuk)	2	0.2	0.2	0.2	IC	FO1	FO2	1979
	3	0.3	0.2	0.2	IC	FO1	FO2	1979
	4	0.2	0.2	0.2	IC	FO1	FO2	1979
	5	0.6	0.6	0.6	IC	FO1	FO2	1979
	6	0.7	0.7	0.7	IC	FO1	FO2	1988
Metlakatla City of								
Centennial (Ketchikan Gateway)	IC6	4.0	4.0	4.0	IC	FO2		1987
Metalakatla (Fairbanks North Star)	IC4	1.5	1.5	1.5	IC	FO2	Jet Fuel	1967
	IC5	1.5	1.5	1.5	IC	FO2	Jet Fuel	1970
Purple Lake (Ketchikan Gateway)	1	1.3	1.3	1.3	HC	Water		1956
	2	1.3	1.3	1.3	HC	Water		1956
	3	1.3	1.3	1.3	HC	Water		1962
Naknek Electric Assn Inc								
Naknek (Bristol Bay)	NA1	1.1	1.0	1.2	IC	FO2		1988
	NA2	1.1	1.0	1.2	IC	FO2		1988
	1	0.4	0.4	0.4	IC	FO2		1960

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Alaska								
Naknek Electric Assn Inc								
	2	0.4	0.4	0.4	IC	FO2		1960
	3	0.4	0.4	0.4	IC	FO2		1960
	4	0.5	0.5	0.5	IC	FO2		1965
	5	0.4	0.4	0.4	IC	FO2		1977
	6	0.4	0.4	0.4	IC	FO2		1977
	7	0.4	0.4	0.4	IC	FO2		1977
	8	1.0	1.0	1.0	IC	FO2		1977
Nome Joint Utility Systems								
Snake River (Nome)	1	0.6	0.6	0.6	IC	FO2		1963
	10	0.6	0.6	0.6	IC	FO2		1987
	11	1.5	1.5	1.5	IC	FO2		1988
	2	0.6	0.6	0.6	IC	FO2		1963
	3	0.6	0.6	0.6	IC	FO2		1963
	5	1.2	1.2	1.2	IC	FO2		1974
	6	1.0	1.0	1.0	IC	FO2		1972
	8	2.6	2.6	2.6	IC	FO2		1976
	9	2.8	2.8	2.8	IC	FO2		1985
Nushagak Electric Coop Inc								
Dillingham (Dillingham)	IC9	0.8	0.8	0.9	IC	FO2		1985
	10	1.1	1.0	1.2	IC	FO2		1988
	3	0.4	0.4	0.4	IC	FO2		1960
	4	0.5	0.5	0.5	IC	FO2		1967
	5	0.8	0.7	0.8	IC	FO2		1973
	6	1.0	0.9	1.0	IC	FO2		1976
	8	0.8	0.8	0.9	IC	FO2		1984
Pelican Utility Co								
Pelican (UNKNOWN)	HC1	0.6	0.5	0.5	HC	Water		1984
	IC1	0.1	0.1	0.1	IC	FO2		1964
	IC4	0.3	0.3	0.3	IC	FO2		1980
	2	0.1	0.1	0.1	IC	FO2		1964
	3	0.3	0.2	0.2	IC	FO2		1974
	4	0.1	0.1	0.1	HC	Water		1984
Petersburg City of								
Petersburg (Wrangell-Petersburg)	IC1	2.6	2.1	2.1	IC	FO2		1972
	IC2	0.4	0.3	0.3	IC	FO2		1972
	IC3	1.3	1.1	1.1	IC	FO2		1965
	IC4	0.6	0.6	0.6	IC	FO2		1979
	IC5	0.8	0.8	0.8	IC	FO2		1979
	3	1.6	1.6	1.6	HC	Water		1954
Seward City of								
Seward (Kenai Peninsula)	1	1.5	1.0	1.2	IC	FO2	FO1	1965
	2	1.5	1.0	1.2	IC	FO2	FO1	1965
	3	2.5	2.5	2.5	IC	FO2	FO1	1975
	4	2.5	2.5	2.5	IC	FO2	FO1	1986
	5	2.5	2.5	2.5	IC	FO2	FO1	1985
Sitka City of & Borough of								
Blue Lake (Sitka)	1	3.0	3.0	3.0	HC	Water		1961
	2	3.0	3.0	3.0	HC	Water		1961
Green Lake (Sitka)	1	9.3	9.3	9.3	HC	Water		1982
	2	9.3	9.3	9.3	HC	Water		1982
Halibut Point (Sitka)	1	0.3	0.3	0.3	IC	FO2		1959
	2	0.5	0.5	0.5	IC	FO2		1958
	3	0.3	0.3	0.3	IC	FO2		1960
Indian River (Sitka)	1	2.0	2.0	2.0	IC	FO2		1979
	2	2.8	2.8	2.8	IC	FO2		1979
	3	2.8	2.8	2.8	IC	FO2		1979

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Alaska								
Wrangell City of								
Wrangell (Wrangell-Petersburg)	1	1.3	1.3	1.3	IC	FO2		1972
	2	1.3	1.3	1.3	IC	FO2		1972
	3	1.3	1.3	1.3	IC	FO2		1973
	4	1.3	1.3	1.3	IC	FO2		1973
	5	0.5	0.5	0.5	IC	FO2		1964
	7	0.5	0.5	0.5	IC	FO2		1970
	9	2.5	2.5	2.5	IC	FO2		1987
Yakutat Power Inc								
Yakutat (Skagway-Yakutat)	1	0.3	0.3	0.3	IC	FO2		1966
	2	0.4	0.4	0.4	IC	FO2		1966
	2A	0.9	0.9	0.9	IC	FO2		1984
	3	0.6	0.6	0.6	IC	FO2		1973
	4	0.8	0.8	0.8	IC	FO2		1973
Arizona								
Alamito Co								
Springerville (Apache)	1	397.0	360.0	360.0	ST	SUB		1985
Arizona Electric Pwr Coop Inc								
Apache Station (Cochise)	GT1	10.0	10.0	10.0	CT	Nat Gas		1963
	GT2	21.3	20.0	20.0	GT	Nat Gas	FO2	1972
	GT3	70.0	69.0	69.0	GT	Nat Gas	FO2	1975
	ST1	75.0	71.0	71.0	CA	Nat Gas	FO2	1964
	ST2	194.7	175.0	175.0	ST	SUB		1978
	ST3	194.7	175.0	175.0	ST	SUB		1979
Arizona Public Service Co								
Childs (Yavapai)	1	1.8	1.4	1.4	HC	Water		1909
	2	1.8	1.4	1.4	HC	Water		1909
	3	1.8	1.4	1.4	HC	Water		1909
Cholla (Navajo)	1	113.6	116.0	116.0	ST	BIT		1962
	2	288.9	235.0	235.0	ST	BIT		1978
	3	288.9	245.0	245.0	ST	BIT		1980
	4	414.0	350.0	350.0	ST	BIT		1981
Douglas (Cochise)	1	26.1	20.7	20.7	GT	FO2		1972
Irving (Yavapai)	1	1.6	1.4	1.4	HC	Water		1916
Ocotillo (Maricopa)	GT1	53.1	55.9	55.9	GT	Nat Gas	FO2	1972
	GT2	53.1	55.9	55.9	GT	Nat Gas	FO2	1973
	1	113.6	114.9	114.9	ST	Nat Gas	FO6	1960
	2	113.6	114.5	114.5	ST	Nat Gas	FO6	1960
Palo Verde (Maricopa)	1*	1403.2	1221.0	1221.0	NP	Uranium		1985
	2*	1403.2	1221.0	1221.0	NP	Uranium		1986
	3*	1403.2	1221.0	1221.0	NP	Uranium		1987
Saguaro (Pinal)	GT1	53.1	54.5	54.5	GT	Nat Gas	FO2	1972
	GT2	53.1	54.5	54.5	GT	Nat Gas	FO2	1973
	1	125.0	115.0	115.0	ST	Nat Gas	FO6	1954
	2	125.0	99.0	99.0	ST	Nat Gas	FO6	1955
West Phoenix (Maricopa)	GT1	53.1	56.2	56.2	GT	Nat Gas	FO2	1972
	GT2	53.1	56.2	56.2	GT	Nat Gas	FO2	1973
	1B	132.0	84.5	84.5	CS	Nat Gas	FO2	1976
	2B	132.0	84.5	84.5	CS	Nat Gas	FO2	1976
	3B	132.0	84.5	84.5	CS	Nat Gas	FO2	1976
	4	34.5	33.3	33.3	ST	Nat Gas	FO6	1948
	5	12.5	12.0	12.0	ST	Nat Gas	FO6	1949
	6	64.0	63.0	63.0	ST	Nat Gas	FO6	1950
Yuma Axis (Yuma)	1*	86.7	75.0	75.0	ST	Nat Gas	FO6	1959
Yuma Axis (Yucca) (Yuma)	GT1	23.6	19.1	19.1	GT	Nat Gas	FO2	1971
	GT2	23.6	19.1	19.1	GT	Nat Gas	FO2	1971
	GT3	72.4	54.6	54.6	GT	Nat Gas	FO2	1973
	GT4	72.4	53.9	53.9	GT	FO2		1974

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Arizona								
Bureau of Reclamation								
Davis (Mohave)	1	48.0	48.0	48.0	HC	Water		1950
	2	48.0	48.0	48.0	HC	Water		1951
	3	48.0	48.0	48.0	HC	Water		1951
	4	48.0	48.0	48.0	HC	Water		1951
	5	48.0	48.0	48.0	HC	Water		1951
Glen Canyon (Coconino)	1	165.0	165.0	165.0	HC	Water		1964
	2	157.0	165.0	165.0	HC	Water		1964
	3	165.0	165.0	165.0	HC	Water		1964
	4	157.0	165.0	165.0	HC	Water		1965
	5	165.0	165.0	165.0	HC	Water		1965
	6	165.0	165.0	165.0	HC	Water		1965
	7	157.0	165.0	165.0	HC	Water		1966
	8	157.0	165.0	165.0	HC	Water		1966
Hoover-AZ (Mohave)	A0	3.0	3.0	3.0	HC	Water		1936
	A1	82.5	100.0	100.0	HC	Water		1941
	A2	82.5	100.0	100.0	HC	Water		1942
	A3	82.5	82.5	82.5	HC	Water		1952
	A4	82.5	82.5	82.5	HC	Water		1952
	A5	127.0	127.0	127.0	HC	Water		1942
	A6	82.5	100.0	100.0	HC	Water		1939
	A7	130.0	130.0	130.0	HC	Water		1939
	A8	40.0	50.0	50.0	HC	Water		1937
	A9	50.0	60.0	60.0	HC	Water		1952
Citizens Utilities Co								
Valencia (Santa Cruz)	1	1.0	0.9	0.9	IC	FO2	Nat Gas	1949
	2	1.0	0.9	0.9	IC	FO2	Nat Gas	1949
	3	1.0	0.9	0.9	IC	FO2	Nat Gas	1949
	4	1.0	0.9	0.9	IC	FO2	Nat Gas	1949
Salt River Proj Ag I & P Dist								
Agua Fria (Maricopa)	AF1	113.6	113.0	114.0	ST	Nat Gas	FO6	1957
	AF2	113.6	113.0	114.0	ST	Nat Gas	FO6	1957
	AF3	163.2	181.0	184.0	ST	Nat Gas	FO6	1961
	AF4	80.6	69.0	80.0	GT	Nat Gas	FO2	1975
	AF5	71.2	64.0	72.0	GT	Nat Gas	FO2	1974
	AF6	71.2	64.0	72.0	GT	Nat Gas	FO2	1974
Coronado (Apache)	CO1*	410.9	350.0	350.0	ST	BIT	FO2	1979
	CO2	410.9	350.0	350.0	ST	BIT	FO2	1980
Crosscut (Maricopa)	CC1	7.5	8.0	8.0	ST	Nat Gas	FO6	1941
	CC2	7.5	8.0	8.0	ST	Nat Gas	FO6	1941
	CC3	7.5	8.0	8.0	ST	Nat Gas	FO6	1941
	CC4	7.5	8.0	8.0	ST	Nat Gas	FO6	1949
	CC5	3.0	3.0	3.0	HC	Water		1939
Horse Mesa (Maricopa)	HM1	9.9	10.0	10.0	HC	Water		1927
	HM2	9.9	10.0	10.0	HC	Water		1927
	HM3	9.9	10.0	10.0	HC	Water		1927
	HM4	99.9	98.0	98.0	HR	Water		1972
Kyrene (Maricopa)	KY1	34.5	34.0	34.0	ST	Nat Gas	FO6	1952
	KY2	73.5	72.0	72.0	ST	Nat Gas	FO6	1954
	KY3	53.1	51.0	59.0	GT	Nat Gas	FO2	1972
	KY4	53.1	51.0	59.0	GT	Nat Gas	FO2	1971
	KY5	60.3	49.0	56.0	GT	Nat Gas	FO2	1973
	KY6	60.3	49.0	56.0	GT	Nat Gas	FO2	1973
Mormon Flat (Maricopa)	MF1	9.2	10.0	10.0	HC	Water		1926
	MF2	48.6	50.0	50.0	HR	Water		1971
Navajo (Coconino)	NAV1*	803.2	750.0	750.0	ST	SUB	FO2	1974
	NAV2*	803.2	750.0	750.0	ST	SUB	FO2	1975
	NAV3*	803.2	750.0	750.0	ST	SUB	FO2	1976
Roosevelt (Maricopa)	ROOS	36.0	36.0	36.0	HC	Water		1972
Santan (Maricopa)	ST1	103.5	73.0	81.0	CS	Nat Gas	FO2	1974
	ST2	103.5	73.0	81.0	CS	Nat Gas	FO2	1974
	ST3	103.5	73.0	81.0	CS	Nat Gas	FO2	1974
	ST4	103.5	73.0	81.0	CS	Nat Gas	FO2	1975

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Arizona								
Salt River Proj Ag I & P Dist								
South Consolidated (Maricopa)	SC1	1.4	1.4	1.4	HC	Water		1981
Stewart Mountain (Maricopa)	SM	10.4	13.0	13.0	HC	Water		1929
Tucson Electric Power Co								
De Moss Petrie (Pima)	GT1	65.5	47.0	47.0	GT	Nat Gas	FO2	1973
	1	12.5	15.0	15.0	ST	Nat Gas	FO6	1949
	2	11.5	13.0	13.0	ST	Nat Gas	FO6	1949
	3	23.0	24.0	24.0	ST	Nat Gas	FO6	1953
	4	57.5	46.0	46.0	ST	Nat Gas	FO6	1954
Irvington (Pima)	GT1	27.0	24.0	24.0	GT	Nat Gas	FO2	1972
	GT2	27.0	25.0	25.0	GT	Nat Gas	FO2	1972
	GT3	27.0	25.0	25.0	GT	Nat Gas	FO2	1974
	ST1	108.8	81.0	81.0	ST	Nat Gas	FO6	1958
	ST2	108.8	81.0	81.0	ST	Nat Gas	FO6	1960
	ST3	113.6	104.0	104.0	ST	Nat Gas	FO6	1962
	4	173.3	156.0	156.0	ST	SUB	Nat Gas	1967
North Loop (Pima)	1	27.0	25.0	25.0	GT	Nat Gas	FO2	1972
	2	27.0	25.0	25.0	GT	Nat Gas	FO2	1972
	3	27.0	23.0	23.0	GT	Nat Gas	FO2	1972
	4	27.0	25.0	25.0	GT	Nat Gas	FO2	1974
U S Bureau of Indian Affairs								
Coolidge (Gila)	1	5.0	10.0[2]	10.0[2]	HC	Water		1929
	2	5.0	-[2]	-[2]	HC	Water		1929
Arkansas								
Arkansas Electric Coop Corp								
Carl Bailey (Woodruff)	1	122.0	122.0	122.0	ST	Nat Gas	FO6	1966
Ellis Hydroelectric (Crawford)	1	10.6	10.6	10.6	HC	Water		1988
	2	10.6	10.6	10.6	HC	Water		1988
	3	10.6	10.6	10.6	HC	Water		1988
McClellan (Ouachita)	1	133.0	134.0	134.0	ST	Nat Gas	FO6	1972
Thomas Fitzhugh (Franklin)	1	60.0	59.0	59.0	ST	Nat Gas	FO6	1963
Arkansas Power & Light Co								
Arkansas Nuclear One (Pope)	1	902.5	836.0	836.0	NP	Uranium		1974
	2	942.5	858.0	858.0	NP	Uranium		1978
Blytheville (Mississippi)	1	64.5	63.0	63.0	GT	FO2		1974
	2	64.5	63.0	63.0	GT	FO2		1974
	3	64.5	63.0	63.0	GT	FO2		1974
Carpenter (Garland)	1	28.0	29.0	29.0	HC	Water		1931
	2	28.0	30.0	30.0	HC	Water		1931
Cecil Lynch (Pulaski)	2	69.0	74.0	74.0	ST	Nat Gas	FO2	1949
	3	156.3	130.0	130.0	ST	Nat Gas	FO2	1954
	4	5.8	6.0	6.0	IC	FO2		1967
Hamilton Moses (St Francis)	1	69.0	72.0	72.0	ST	Nat Gas	FO6	1951
	2	69.0	72.0	72.0	ST	Nat Gas	FO6	1951
Harvey Couch (Lafayette)	1	26.6	30.0	30.0	ST	Nat Gas	FO6	1943
	2	156.3	131.0	131.0	ST	Nat Gas	FO6	1954
Independence (Independence)	1*	850.0	836.0	836.0	ST	SUB		1982
	2*	850.0	842.0	842.0	ST	SUB		1984
Lake Catherine (Hot Spring)	1	40.0	52.0	52.0	ST	Nat Gas	FO6	1950
	2	40.0	51.0	51.0	ST	Nat Gas	FO6	1950
	3	119.5	106.0	106.0	ST	Nat Gas	FO6	1953
	4	552.5	547.0	547.0	ST	Nat Gas	FO6	1970
Mabelvale (Pulaski)	1	19.6	18.0	18.0	GT	Nat Gas	FO2	1970
	2	19.6	18.0	18.0	GT	Nat Gas	FO2	1970
	3	19.6	19.0	19.0	GT	Nat Gas	FO2	1970
	4	19.6	18.0	18.0	GT	Nat Gas	FO2	1970
Remmel (Hot Spring)	1	3.0	4.0	4.0	HC	Water		1924
	2	3.0	4.0	4.0	HC	Water		1924
	3	3.0	3.0	3.0	HC	Water		1924
Robert E Ritchie (Phillips)	GT1	19.6	18.0	18.0	GT	Nat Gas	FO2	1970
	1	359.0	356.0	356.0	ST	Nat Gas	FO6	1961
	2	544.6	544.0	544.0	ST	Nat Gas	FO6	1968

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Arkansas								
Arkansas Power & Light Co								
White Bluff (Jefferson)	1*	850.0	815.0	815.0	ST	SUB		1980
	2*	850.0	844.0	844.0	ST	SUB		1981
Augusta City of								
Fairbanks (Woodruff)	1	1.2	1.2	1.2	IC	FO2	Nat Gas	1957
	2	0.7	0.7	0.7	IC	FO2	Nat Gas	1949
	3	0.3	0.3	0.3	IC	FO2		1945
	4	0.3	0.3	0.3	IC	FO2		1935
	5	0.1	0.1	0.1	IC	FO2		1929
Benton City of								
Benton (Saline)	1	0.6	0.4	0.4	IC	FO2		1940
	2	1.4	1.2	1.2	IC	FO2	Nat Gas	1949
	3	1.4	1.2	1.2	IC	FO2	Nat Gas	1951
	5	1.0	0.7	0.7	IC	FO2	Nat Gas	1945
	6	1.4	1.3	1.3	IC	FO2	Nat Gas	1947
	7	3.0	2.8	2.8	IC	FO2	Nat Gas	1963
Osceola City of								
Osceola (Mississippi)	1	0.5	4.0[2]	4.0[2]	IC	FO2		1939
	2	0.5	-[2]	-[2]	IC	FO2		1928
	3	0.5	-[2]	-[2]	IC	FO2		1935
	4	0.5	-[2]	-[2]	IC	FO2		1941
	5	1.0	-[2]	-[2]	IC	FO2		1946
	6	1.0	-[2]	-[2]	IC	FO2		1947
	7	2.0	-[2]	-[2]	IC	FO2		1953
Paragould City of								
Paragould (Greene)	1	0.4	0.4	0.0	IC	FO2	Nat Gas	1938
	2	1.1	1.1	1.1	IC	FO2	Nat Gas	1961
	3	0.4	0.4	0.0	IC	FO2	Nat Gas	1938
	4	0.8	0.8	0.8	IC	FO2	Nat Gas	1946
	5	0.8	0.8	0.8	IC	FO2	Nat Gas	1946
	6	1.0	1.0	1.0	IC	FO2	Nat Gas	1949
Piggott City of								
Municipal Light (Clay)	1	2.1	2.1	2.1	IC	FO2	Nat Gas	1963
	2	0.7	0.7	0.7	IC	FO2	Nat Gas	1952
	4	2.3	2.3	2.3	IC	FO2		1976
	6	1.4	1.4	1.4	IC	FO2	Nat Gas	1959
	7	1.1	1.1	1.1	IC	FO2	Nat Gas	1954
Southwestern Electric Power Co								
Flint Creek (Benton)	1*	558.0	480.0	480.0	ST	SUB		1978
USCE-Little Rock District								
Beaver (Carroll)	1	56.0	64.4	64.4	HC	Water		1965
	2	56.0	64.4	64.4	HC	Water		1965
Bull Shoals (Marion)	1	40.0	46.0	46.0	HC	Water		1952
	2	40.0	46.0	46.0	HC	Water		1952
	3	40.0	46.0	46.0	HC	Water		1952
	4	40.0	46.0	46.0	HC	Water		1953
	5	45.0	51.8	51.8	HC	Water		1961
	6	45.0	51.8	51.8	HC	Water		1961
	7	45.0	51.8	51.8	HC	Water		1963
	8	45.0	51.8	51.8	HC	Water		1963
Dardanelle (Pope)	1	31.0	35.7	35.7	HC	Water		1965
	2	31.0	35.7	35.7	HC	Water		1965
	3	31.0	35.7	35.7	HC	Water		1965
	4	31.0	35.7	35.7	HC	Water		1965
Greers Ferry Lake (Cleburne)	1	48.0	55.2	55.2	HC	Water		1963
	2	48.0	55.2	55.2	HC	Water		1964
Norfork (Baxter)	1	40.3	46.0	46.0	HC	Water		1949
	2	40.3	46.0	46.0	HC	Water		1944
Ozark (Franklin)	1	20.0	23.0	23.0	HC	Water		1972
	2	20.0	23.0	23.0	HC	Water		1973

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Arkansas								
USCE-Little Rock District								
	3	20.0	23.0	23.0	HC	Water		1973
	4	20.0	23.0	23.0	HC	Water		1973
	5	20.0	23.0	23.0	HC	Water		1974
USCE-Vickburg District								
Blakely Mountain (Garland)	1	37.5	37.5	37.5	HC	Water		1955
	2	37.5	37.5	37.5	HC	Water		1955
Degray (Clark)	1	40.0	40.0	40.0	HC	Water		1971
	2	28.0	28.0	28.0	HR	Water		1971
Narrows (Pike)	1	8.5	8.5	8.5	HC	Water		1950
	2	8.5	8.5	8.5	HC	Water		1950
	3	8.5	8.5	8.5	HC	Water		1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
Burbank City of								
Magnolia (Los Angeles)	M2	10.0	11.0	11.0	CW	WH		1984
	M3	23.0	20.0	20.0	ST	Nat Gas	FO6	1949
	M4	34.5	30.0	30.0	ST	Nat Gas	FO6	1953
	M5	23.1	17.0	17.0	GT	Nat Gas	Jet Fuel	1969
Olive (Los Angeles)	O1	50.0	42.0	42.0	ST	Nat Gas	FO6	1959
	O2	59.8	60.0	60.0	ST	Nat Gas	FO6	1964
	O3	24.4	22.0	22.0	CT	Nat Gas	Jet Fuel	1972
	O4	37.8	31.0	31.0	CT	Nat Gas	Jet Fuel	1978
Bureau of Reclamation								
Folsom (Sacramento)	1	66.2	71.7	62.7	HC	Water		1955
	2	66.2	71.7	62.7	HC	Water		1955
	3	66.2	71.7	62.7	HC	Water		1955
Judge F Carr (Shasta)	1	77.2	85.6	85.6	HC	Water		1963
	2	77.2	85.6	85.6	HC	Water		1963
Keswick (Shasta)	1	25.0	30.0	30.0	HC	Water		1949
	2	25.0	30.0	30.0	HC	Water		1949
	3	25.0	30.0	30.0	HC	Water		1949
Lewiston (Trinity)	1	0.4	0.5	0.5	HC	Water		1964
New Melones (Tuolumne)	1	150.0	191.7	191.7	HC	Water		1979
	2	150.0	191.7	191.7	HC	Water		1979
Nimbus (Sacramento)	1	6.8	8.6	8.6	HC	Water		1955
	2	6.8	8.6	8.6	HC	Water		1955
ONeill (Sacramento)	1	4.2	4.8	4.8	HR	Water		1967
	2	4.2	4.8	4.8	HR	Water		1967
	3	4.2	4.8	4.8	HR	Water		1967
	4	4.2	4.8	4.8	HR	Water		1967
	5	4.2	4.8	4.8	HR	Water		1967
	6	4.2	4.8	4.8	HR	Water		1967
Parker (San Bernardino)	1	30.0	30.0	30.0	HC	Water		1942
	2	30.0	30.0	30.0	HC	Water		1942
	3	30.0	30.0	30.0	HC	Water		1942
	4	30.0	30.0	30.0	HC	Water		1943
Shasta (Shasta)	1	125.0	125.0	123.4	HC	Water		1949
	2	125.0	125.0	123.4	HC	Water		1948
	3	95.0	118.0	116.5	HC	Water		1944
	4	95.0	105.0	103.6	HC	Water		1944
	5	95.0	105.0	103.6	HC	Water		1947
Spring Creek (Shasta)	1	90.0	95.8	95.8	HC	Water		1963
	2	90.0	95.8	95.8	HC	Water		1963
Stampede (Sierra)	1	3.0	3.0	3.0	HC	Water		1987
	2	0.7	0.7	0.7	HC	Water		1987
Trinity (Trinity)	1	70.0	70.0	70.0	HC	Water		1963
	2	70.0	70.0	70.0	HC	Water		1963
California Dept-Wtr Resources								
Alamo (Los Angeles)	1	17.0	18.0	17.2	HC	Water		1986
Bottle Rock (Lake)	1	55.0	52.5	52.5	GE	GST		1984
Devil Canyon (San Bernardino)	1	59.9	60.0	60.0	HC	Water		1972
	2	59.9	60.0	60.0	HC	Water		1976
Edward G Hyatt (Butte)	1	117.0	135.3	131.3	HC	Water		1967
	2	97.8	126.3	122.7	HR	Water		1968
	3	117.0	135.3	131.3	HC	Water		1968
	4	97.8	126.3	122.7	HR	Water		1968
	5	117.0	135.3	131.3	HC	Water		1968
	6	97.8	126.3	122.7	HR	Water		1968
San Luis (Merced)	1*	53.0	51.0	51.0	HR	Water		1968
	2*	53.0	50.0	50.0	HR	Water		1967
	3*	53.0	50.0	50.0	HR	Water		1967
	4*	53.0	50.0	50.0	HR	Water		1967
	5*	53.0	50.0	50.0	HR	Water		1967
	6*	53.0	50.0	50.0	HR	Water		1967
	7*	53.0	50.0	50.0	HR	Water		1967
	8*	53.0	50.0	50.0	HR	Water		1966
Thermalito (Butte)	1	32.6	28.0	30.0	HC	Water		1968
	2	27.5	25.7	27.3	HR	Water		1968
	3	27.5	25.7	27.3	HR	Water		1968

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
California Dept-Wtr Resources	4	27.5	25.7	27.3	HR	Water		1967
Thermalito Diversion (Butte)	TD1	3.0	3.0	2.9	HC	Water		1987
W E Warne (Los Angeles)	1	37.1	38.0	38.0	HC	Water		1982
	2	37.1	38.0	38.0	HC	Water		1982
Cool Water Coal Gasifn Corp								
Cool Wat Coal Gas (San Bernardino)	1	77.0	77.0	77.0	CT	SNG		1984
	2	60.0	55.0	55.0	CW	WH		1984
East Bay Municipal Util Dist								
Camanche (San Joaquin)	1	3.6	3.6	3.6	HC	Water		1983
	2	3.6	3.6	3.6	HC	Water		1983
	3	3.6	3.6	3.6	HC	Water		1983
Pardee (Calaveras)	1	7.5	9.4	9.4	HC	Water		1930
	2	7.5	9.4	9.4	HC	Water		1930
	3	8.6	9.9	9.9	HC	Water		1983
Escondido City of								
Bear Valley (San Diego)	HC1	0.8	0.8	0.8	HC	Water		1986
	HC2	0.8	0.8	0.8	HC	Water		1986
Rincon Power (San Diego)	1	0.2	0.2	0.2	HC	Water		1915
	2	0.2	0.2	0.2	HC	Water		1915
Glendale City of								
Grayson (Los Angeles)	1	20.0	20.0	20.0	CW	WH		1977
	2	20.0	20.0	20.0	CW	WH		1977
	3	23.0	21.0	21.0	ST	FO6	Nat Gas	1953
	4	50.0	47.0	47.0	ST	FO6	Nat Gas	1959
	5	50.0	49.0	49.0	ST	FO6	Nat Gas	1964
	6	22.0	23.0	23.0	GT	FO6	Nat Gas	1972
	7	31.0	30.0	30.0	GT	FO6	Nat Gas	1975
	8A	26.4	25.0	25.0	CT	Nat Gas	FO6	1977
	8BC	55.1	50.0	50.0	CT	Nat Gas	FO6	1977
Scampp I (Los Angeles)	IC1	0.6	0.6	0.6	IC	Refuse		1983
	IC2	0.6	0.6	0.6	IC	Refuse		1983
	IC3	0.6	0.6	0.6	IC	Refuse		1983
Imperial Irrigation District								
Brawley (Imperial)	GT1	11.3	9.0	11.0	GT	FO2		1962
	GT2	11.3	9.0	11.0	GT	FO2		1962
	IC1	0.8	0.6	0.6	IC	FO2		1936
	IC2	0.8	0.6	0.6	IC	FO2		1936
	3	0.8	0.6	0.6	IC	FO2		1936
	4	1.8	1.6	1.6	IC	FO2		1938
	5	1.8	1.6	1.6	IC	FO2		1938
	6	1.8	1.6	1.6	IC	FO2		1938
	7	2.9	2.7	2.7	IC	FO2		1939
	8	2.9	2.7	2.7	IC	FO2		1939
Coachella (Riverside)	1	23.2	20.0	20.0	GT	Nat Gas	FO2	1973
	2	23.2	20.0	20.0	GT	Nat Gas	FO2	1973
	3	23.2	20.0	20.0	GT	Nat Gas	FO2	1974
	4	23.2	20.0	20.0	GT	Nat Gas	FO2	1976
Double Weir (Imperial)	1	0.3	0.3	0.0	HC	Water		1961
	2	0.3	0.3	0.0	HC	Water		1961
Drop No 5 (Imperial)	1	2.0	1.5	1.9	HC	Water		1982
	2	2.0	1.5	1.9	HC	Water		1982
Drop 1 (Imperial)	1	2.0	1.7	1.9	HC	Water		1984
	2	2.0	1.7	1.9	HC	Water		1984
	3	2.0	1.6	1.9	HC	Water		1984
Drop 2 (Imperial)	1	5.0	4.0	4.9	HC	Water		1953
	2	5.0	4.0	4.9	HC	Water		1953
Drop 3 (Imperial)	1	4.8	4.0	4.7	HC	Water		1941
	2	5.0	4.0	4.9	HC	Water		1966
Drop 4 (Imperial)	1	10.0	8.0	10.0	HC	Water		1950
	2	9.6	8.0	9.6	HC	Water		1941
East Highline (Imperial)	1	2.4	2.0	2.3	HC	Water		1984
El Centro (Imperial)	1	23.0	22.0	22.0	ST	Nat Gas	FO6	1949

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
Imperial Irrigation District								
	2	34.5	30.0	30.0	ST	Nat Gas	FO6	1952
	3	50.0	48.0	48.0	ST	Nat Gas	FO6	1957
	4	81.6	80.0	80.0	ST	Nat Gas	FO6	1968
Pilot Knob (Imperial)	1	16.5	17.4	16.7	HC	Water		1957
	2	16.5	17.4	16.7	HC	Water		1957
Rockwood (Imperial)	1	25.0	25.0	25.0	GT	Nat Gas	FO2	1979
	2	25.0	25.0	25.0	GT	FO2		1980
Turnip (Imperial)	1	0.4	0.4	0.0	HC	Water		1964
Kings River Conservation Dist								
Pine Flat (Fresno)	1	55.0	55.0	57.3	HC	Water		1983
	2	55.0	55.0	57.3	HC	Water		1983
	3	55.0	55.0	57.3	HC	Water		1984
Los Angeles City of								
Big Pine (Inyo)	1	3.2	9.0[3]	9.0[3]	HC	Water		1925
Castaic (Los Angeles)	1	212.5	-[2]	-[2]	HR	Water		1973
	2	212.5	-[2]	-[2]	HR	Water		1974
	3	212.5	-[2]	-[2]	HR	Water		1976
	4	212.5	-[2]	-[2]	HR	Water		1977
	5	212.5	-[2]	-[2]	HR	Water		1977
	6	212.5	-[2]	-[2]	HR	Water		1978
	7	56.0	1247.0[2]	1247.0[2]	HC	Water		1972
Control Gorge (Inyo)	1	37.5	110.0[5]	110.0[5]	HC	Water		1952
Cottonwood (Inyo)	1	0.8	-[3]	-[3]	HC	Water		1908
	2	0.8	-[3]	-[3]	HC	Water		1909
Division Creek (Inyo)	1	0.6	-[3]	-[3]	HC	Water		1909
Foothill Power (Los Angeles)	1	11.0	81.0[4]	81.0[4]	HC	Water		1971
Franklin (Los Angeles)	1	2.0	-[4]	-[4]	HC	Water		1921
Haiwee (Inyo)	1	2.8	-[3]	-[3]	HC	Water		1927
	2	2.8	-[3]	-[3]	HC	Water		1927
Harbor Gen Station (Los Angeles)	GT6	23.6	19.0	19.0	GT	Nat Gas	FO2	1972
	GT7	23.6	19.0	19.0	GT	Nat Gas	FO2	1972
	GT8	23.6	19.0	19.0	GT	Nat Gas	FO2	1972
	GT9	23.6	19.0	19.0	GT	Nat Gas	FO2	1972
	3	86.4	62.0	62.0	ST	Nat Gas	FO6	1949
	4	86.3	86.0	86.0	ST	Nat Gas	FO6	1948
	5	86.3	86.0	86.0	ST	Nat Gas	FO6	1949
Haynes Gen Station (Los Angeles)	1	230.0	222.0	222.0	ST	Nat Gas	FO6	1962
	2	230.0	222.0	222.0	ST	Nat Gas	FO6	1963
	3	230.0	222.0	222.0	ST	Nat Gas	FO6	1964
	4	230.0	222.0	222.0	ST	Nat Gas	FO6	1964
	5	343.0	341.0	341.0	ST	Nat Gas	FO6	1966
	6	343.0	341.0	341.0	ST	Nat Gas	FO6	1967
Middle Gorge (Mono)	1	37.5	-[5]	-[5]	HC	Water		1952
Pleasant Valley (Inyo)	1	3.2	-[3]	-[3]	HC	Water		1958
San Fernando (Los Angeles)	1	2.8	-[4]	-[4]	HC	Water		1922
	2	2.8	-[4]	-[4]	HC	Water		1922
San Francisquito 1 (Los Angeles)	1A	25.0	-[4]	-[4]	HC	Water		1983
	3	9.4	-[4]	-[4]	HC	Water		1917
	4	10.0	-[4]	-[4]	HC	Water		1923
	5	25.0	-[4]	-[4]	HC	Water		1928
San Francisquito 2 (Los Angeles)	1	14.0	-[4]	-[4]	HC	Water		1920
	2	14.0	-[4]	-[4]	HC	Water		1920
	3	14.0	-[4]	-[4]	HC	Water		1932
Sawtelle (Los Angeles)	1	0.6	0.6	0.6	HC	Water		1986
Scattergood Gen Sta (Los Angeles)	1	163.2	179.0	179.0	ST	Nat Gas	FO6	1958
	2	163.2	179.0	179.0	ST	Nat Gas	FO6	1959
	3	496.8	358.0	358.0	ST	Nat Gas		1974
Upper Gorge (Mono)	1	37.5	-[5]	-[5]	HC	Water		1953
Valley Gen Station (Los Angeles)	1	100.0	95.0	95.0	ST	Nat Gas	FO6	1954
	2	100.0	99.0	99.0	ST	Nat Gas	FO6	1954
	3	172.8	163.0	163.0	ST	Nat Gas	FO6	1955
	4	172.8	160.0	160.0	ST	Nat Gas	FO6	1956

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
Merced Irrigation District								
Exchequer (Mariposa)	1	80.1	89.0	87.0	HC	Water		1967
McSwain (Mariposa)	1	9.0	6.0	6.0	HC	Water		1967
Papazian (Merced)	1	0.9	1.0	0.8	HC	Water		1983
Parker (Merced)	1	2.7	3.0	2.6	HC	Water		1982
Reta (Merced)	1	0.9	1.0	0.8	HC	Water		1983
Metropolitan Water District								
Corona (Riverside)	1	2.9	3.0	3.0	HL	Water		1983
Coyote Creek (Orange)	1	3.1	3.0	3.0	HL	Water		1984
Foothill Feeder (Los Angeles)	1	4.5	9.0[2]	9.0[2]	HL	Water		1981
	2	4.5	-[2]	-[2]	HL	Water		1981
Greg Avenue (Los Angeles)	1	1.0	1.0	1.0	HL	Water		1979
Lake Mathews (Riverside)	1	4.9	5.0	5.0	HL	Water		1980
Perris (Riverside)	1	7.9	8.0	8.0	HL	Water		1983
Red Mountain (San Diego)	1	5.9	6.0	6.0	HL	Water		1985
Rio Hondo (Los Angeles)	1	1.9	1.9	1.8	HL	Water		1983
San Dimas (Los Angeles)	1	9.9	10.0	10.0	HL	Water		1981
Sepulveda Canyon (Los Angeles)	1	8.5	9.0	9.0	HL	Water		1982
Temescal (Riverside)	1	2.9	3.0	3.0	HL	Water		1983
Valley View (Orange)	1	4.1	4.1	4.0	HL	Water		1985
Venice (Los Angeles)	1	10.1	10.0	10.0	HL	Water		1982
Yorba Linda (Orange)	1	5.1	5.0	5.0	HL	Water		1981
Modesto Irrigation District								
McClure (Stanislaus)	1	71.2	56.0	61.0	GT	FO2	Nat Gas	1980
	2	71.2	56.0	61.0	GT	FO2	Nat Gas	1981
New Hogan (Calaveras)	NA1*	2.0	2.0	2.0	HC	Water		1986
	NA2*	1.0	1.0	1.0	HC	Water		1986
Stone Drop (Stanislaus)	1	0.6	0.2	0.6	HC	Water		1984
Nevada Irrigation District								
Bowman (Nevada)	4N	3.0	3.0	2.9	HC	Water		1986
Chicago Park (Nevada)	2P	41.5	42.0	42.0	HC	Water		1965
Combie North (Nevada)	6P	0.3	0.0	0.0	HC	Water		1987
Combie South (Nevada)	1	0.5	0.5	0.5	HC	Water		1984
	2	0.5	0.5	0.5	HC	Water		1984
	3	0.5	0.5	0.5	HC	Water		1984
Dutch Flat 2 (Nevada)	3P	26.0	26.0	26.0	HC	Water		1965
Rollins (Nevada)	1P	12.1	12.1	12.2	HC	Water		1980
Scott Flat (Nevada)	7P	1.0	1.0	1.0	HC	Water		1984
Oakdale & South San Joaquin								
Beardsley (Tuolumne)	1	10.0	11.0	8.0	HC	Water		1957
Donnels (Tuolumne)	H1	54.0	67.5	67.5	HC	Water		1957
Sand Bar (Tuolumne)	1*	16.2	16.2	16.2	HC	Water		1986
Tulloch (Tuolumne)	1	17.0	18.0	8.0	HC	Water		1958
	2	17.0	18.0	8.0	HC	Water		1958
Oroville-Wyandotte Irrig Dist								
Forbestown (Butte)	1	29.0	27.0	27.0	HC	Water		1963
Kelly Ridge (Butte)	1	10.0	9.0	9.0	HC	Water		1963
Sly Creek (Butte)	1	12.1	9.0	7.0	HC	Water		1983
Woodleaf (Butte)	1	52.0	49.0	49.0	HC	Water		1963
Pacific Gas & Electric Co								
A G Wishon (Madera)	1	4.0	20.0[2]	20.0[2]	HC	Water		1910
	2	4.0	-[2]	-[2]	HC	Water		1910
	3	4.0	-[2]	-[2]	HC	Water		1910
	4	4.0	-[2]	-[2]	HC	Water		1910
Alta (Placer)	1	1.0	1.0	1.0	HC	Water		1902
	2	1.0	1.0	1.0	HC	Water		1902
Angels (Calaveras)	1	1.8	1.0	1.0	HC	Water		1940
Balch 1 (Fresno)	1	33.0	34.0	34.0	HC	Water		1926
Balch 2 (Fresno)	2	54.0	105.0[2]	105.0[2]	HC	Water		1958
	3	54.0	-[2]	-[2]	HC	Water		1958
Belden (Plumas)	1	131.0	125.0	125.0	HC	Water		1969
Bucks Creek (Plumas)	H1	33.0	55.0[2]	55.0[2]	HC	Water		1928

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
Pacific Gas & Electric Co								
	H2	33.0	-[2]	-[2]	HC	Water		1928
Butt Valley (Plumas)	1	44.4	40.0	40.0	HC	Water		1958
Caribou 1 (Plumas)	1	27.8	75.0[2]	75.0[2]	HC	Water		1921
	2	27.8	-[2]	-[2]	HC	Water		1921
	3	26.5	-[2]	-[2]	HC	Water		1924
Caribou 2 (Plumas)	4	64.0	120.0[2]	120.0[2]	HC	Water		1958
	5	67.0	-[2]	-[2]	HC	Water		1958
Centerville (Butte)	1	5.5	6.4[2]	6.4[2]	HC	Water		1907
	2	0.9	-[2]	-[2]	HC	Water		1904
Chili Bar (El Dorado)	1	7.8	7.0	7.0	HC	Water		1964
Coal Canyon (Butte)	1	1.0	0.9	0.9	HC	Water		1907
Coleman (Shasta)	1	13.5	13.0	13.0	HC	Water		1979
Contra Costa (Contra Costa)	1	118.8	116.0	116.0	ST	Nat Gas	FO6	1951
	2	103.5	116.0	116.0	ST	Nat Gas	FO6	1951
	3	103.5	116.0	116.0	ST	Nat Gas	FO6	1951
	4	112.5	117.0	117.0	ST	Nat Gas	FO6	1953
	5	112.5	115.0	115.0	ST	Nat Gas	FO6	1953
	6	359.0	340.0	340.0	ST	Nat Gas	FO6	1964
	7	359.0	340.0	340.0	ST	Nat Gas	FO6	1964
	8	13.3	11.4	13.6	GT	FO2		1976
Contra Costa Mobile (Contra Costa)	1	13.3	13.3	13.3	GT	FO2		1975
Cow Creek (Shasta)	1	0.9	0.7	0.8	HC	Water		1907
	2	0.9	0.9	0.8	HC	Water		1907
Crane Valley (Madera)	1	1.1	0.9	0.9	HC	Water		1919
Cresta (Butte)	1	37.5	70.0[2]	70.0[2]	HC	Water		1949
	2	37.5	-[2]	-[2]	HC	Water		1949
Deer Creek (Nevada)	1	6.9	5.7	5.7	HC	Water		1908
DeSabla (Butte)	1	20.5	18.5	18.5	HC	Water		1962
Diablo Canyon (San Luis Obispo)	1	1136.5	1073.0	1073.0	NP	Uranium		1984
	2	1164.1	1079.0	1079.0	NP	Uranium		1985
Downieville (Sierra)	1	0.8	0.7	0.8	IC	FO2		1965
Drum 1 (Placer)	1	15.0	54.0[2]	54.0[2]	HC	Water		1913
	2	15.0	-[2]	-[2]	HC	Water		1913
	3	15.0	-[2]	-[2]	HC	Water		1922
	4	16.5	-[2]	-[2]	HC	Water		1928
Drum 2 (Placer)	5	59.0	49.5	49.5	HC	Water		1965
Dutch Flat (Placer)	1	27.5	22.0	22.0	HC	Water		1942
El Dorado (El Dorado)	1	12.5	21.0[2]	21.0[2]	HC	Water		1924
	2	12.5	-[2]	-[2]	HC	Water		1924
Electra (Amador)	1	33.0	89.1[2]	89.1[2]	HC	Water		1948
	2	33.0	-[2]	-[2]	HC	Water		1948
	3	39.0	-[2]	-[2]	HC	Water		1948
Haas (Fresno)	H1	75.0	144.0[2]	144.0[2]	HC	Water		1958
	H2	75.0	-[2]	-[2]	HC	Water		1958
Halsey (Placer)	1	17.0	11.0	11.0	HC	Water		1916
Hamilton Branch (Plumas)	1	3.3	4.8[2]	4.8[2]	HC	Water		1921
	2	3.2	-[2]	-[2]	HC	Water		1921
Hat Creek 1 (Shasta)	1	12.5	8.5	8.5	HC	Water		1921
Hat Creek 2 (Shasta)	1	12.5	8.5	8.5	HC	Water		1921
Helms (Fresno)	1	390.0	351.0	351.0	HR	Water		1984
	2	390.0	351.0	351.0	HR	Water		1984
	3	390.0	351.0	351.0	HR	Water		1984
Humboldt Bay (Humboldt)	GT2	13.3	15.0	15.0	GT	FO2		1976
	GT3	13.3	15.0	15.0	GT	FO2		1976
	ST1	51.2	52.0	52.0	ST	Nat Gas	FO6	1956
	ST2	51.2	53.0	53.0	ST	Nat Gas	FO6	1958
Hunters Point (San Francisco)	GT1	56.3	49.0	49.0	GT	FO2		1976
	2	100.1	107.0	107.0	ST	Nat Gas	FO6	1948
	3	100.1	107.0	107.0	ST	Nat Gas	FO6	1948
	4	156.3	163.0	163.0	ST	Nat Gas	FO6	1958
Inskip (Tehama)	1	8.5	8.0	8.0	HC	Water		1979
James B Black (Shasta)	1	94.6	172.0[2]	172.0[2]	HC	Water		1966
	2	92.8	-[2]	-[2]	HC	Water		1965
Kerckhoff (Fresno)	H1	14.2	38.0[2]	38.0[2]	HC	Water		1920
	H2	14.2	-[2]	-[2]	HC	Water		1920
	H3	14.2	-[2]	-[2]	HC	Water		1920
Kerckhoff 2 (Fresno)	1	155.0	149.0	149.0	HC	Water		1983

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
California								
Pacific Gas & Electric Co								
Kern (Fresno)	1	60.0	74.0	74.0	ST	Nat Gas	FO6	1948
	2	92.0	106.0	106.0	ST	FO6	Nat Gas	1949
Kern Canyon (Fresno)	1	8.5	10.0	10.0	HC	Water		1921
Kilarc (Shasta)	1	1.5	3.2[2]	3.2[2]	HC	Water		1904
	2	1.5	-[2]	-[2]	HC	Water		1904
Kings River (Fresno)	H1	49.0	52.0	52.0	HC	Water		1961
Lime Saddle (Butte)	1	1.0	1.0	1.0	HC	Water		1906
	2	1.0	1.0	1.0	HC	Water		1906
Merced Falls (Merced)	1	4.0	3.5	3.5	HC	Water		1930
Morro Bay (San Luis Obispo)	1	169.1	163.0	163.0	ST	Nat Gas	FO6	1956
	2	169.1	163.0	163.0	ST	Nat Gas	FO6	1955
	3	359.0	338.0	338.0	ST	Nat Gas	FO6	1962
	4	359.0	338.0	338.0	ST	Nat Gas	FO6	1963
Moss Landing (Monterey)	1	100.1	116.0	116.0	ST	Nat Gas	FO6	1950
	2	103.5	115.0	115.0	ST	Nat Gas	FO6	1950
	3	100.0	117.0	117.0	ST	Nat Gas	FO6	1951
	4	112.5	117.0	117.0	ST	Nat Gas	FO6	1952
	5	112.5	117.0	117.0	ST	Nat Gas	FO6	1952
	6	811.8	739.0	739.0	ST	Nat Gas	FO6	1967
	7	811.8	739.0	739.0	ST	Nat Gas	FO6	1968
Murphys (Calaveras)	1	4.5	4.0	4.0	HC	Water		1953
Narrows (Nevada)	1	12.0	12.0	12.0	HC	Water		1942
Newcastle (Placer)	1	14.1	11.0	11.0	HC	Water		1986
Oak Flat (Plumas)	1	1.6	1.3	1.3	HC	Water		1985
Oakland (Alameda)	1	67.1	54.0	64.0	GT	FO2		1978
	2	67.1	54.0	64.0	GT	FO2		1978
	3	67.1	54.0	54.0	GT	FO2		1978
Phoenix (Tuolumne)	1	2.0	2.0	2.0	HC	Water		1939
Pit 1 (Shasta)	H1	38.5	61.0[2]	61.0[2]	HC	Water		1922
	H2	35.0	-[2]	-[2]	HC	Water		1922
Pit 3 (Shasta)	H1	29.7	70.0[2]	70.0[2]	HC	Water		1925
	H2	29.7	-[2]	-[2]	HC	Water		1925
	H3	29.7	-[2]	-[2]	HC	Water		1925
Pit 4 (Shasta)	1	57.5	95.0[2]	95.0[2]	HC	Water		1955
	2	50.0	-[2]	-[2]	HC	Water		1955
Pit 5 (Shasta)	H1	44.0	156.0[2]	156.0[2]	HC	Water		1944
	H2	44.0	-[2]	-[2]	HC	Water		1944
	H3	40.0	-[2]	-[2]	HC	Water		1944
	H4	41.6	-[2]	-[2]	HC	Water		1944
Pit 6 (Shasta)	H1	44.0	80.0[2]	80.0[2]	HC	Water		1965
	H2	44.0	-[2]	-[2]	HC	Water		1965
Pit 7 (Shasta)	H1	58.0	112.0[2]	112.0[2]	HC	Water		1965
	H2	64.0	-[2]	-[2]	HC	Water		1965
Pittsburg (Contra Costa)	1	156.3	163.0	163.0	ST	Nat Gas	FO6	1954
	2	156.3	163.0	163.0	ST	Nat Gas	FO6	1954
	3	156.3	163.0	163.0	ST	Nat Gas	FO6	1954
	4	156.3	163.0	163.0	ST	Nat Gas	FO6	1954
	5	326.4	325.0	325.0	ST	FO6	Nat Gas	1960
	6	326.0	325.0	325.0	ST	FO6	Nat Gas	1961
	7	751.1	720.0	720.0	ST	FO6	Nat Gas	1972
Poe (Butte)	1	79.4	120.0[2]	120.0[2]	HC	Water		1958
	2	79.4	-[2]	[2]	HC	Water		1958
Potrero (San Francisco)	3	217.9	207.0	207.0	ST	Nat Gas	FO6	1965
	4	67.1	49.0	56.0	GT	FO2		1976
	5	67.1	56.0	56.0	GT	FO2		1976
	6	67.1	49.0	49.0	GT	FO2		1976
Potter Valley (Mendocino)	1	5.5	9.2[2]	9.2[2]	HC	Water		1939
	2	2.5	-[2]	-[2]	HC	Water		1910
	3	3.3	-[2]	-[2]	HC	Water		1917
Rock Creek (Plumas)	H1	63.0	112.0[2]	112.0[2]	HC	Water		1950
	H2	69.3	-[2]	-[2]	HC	Water		1950
Salt Springs (Amador)	1	13.5	44.0[2]	44.0[2]	HC	Water		1931
	2	40.0	-[2]	-[2]	HC	Water		1952
San Joaquin 1A (Fresno)	1	0.4	0.4	0.4	HC	Water		1918
San Joaquin 2 (Fresno)	1	3.6	3.2	3.2	HC	Water		1917
San Joaquin 3 (Fresno)	3	5.0	4.2	4.2	HC	Water		1923
South (Tehama)	1	7.5	7.0	7.0	HC	Water		1979

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
Pacific Gas & Electric Co								
Spaulding 1 (Nevada)	1	8.8	7.0	7.0	HC	Water		1928
Spaulding 2 (Nevada)	1	4.1	4.4	4.4	HC	Water		1928
Spaulding 3 (Nevada)	1	7.0	5.8	5.8	HC	Water		1928
Spring Gap (Tuolumne)	1	7.5	7.0	7.0	HC	Water		1921
Stanislaus (Tuolumne)	HC1	91.0	91.0	91.0	HC	Water		1962
The Geysers (Sonoma)	1	12.5	11.0	11.0	GE	GST		1960
	10	59.4	53.0	53.0	GE	GST		1973
	11	118.8	106.0	106.0	GE	GST		1975
	12	118.8	106.0	106.0	GE	GST		1978
	13	139.8	133.0	133.0	GE	GST		1980
	14	124.0	109.0	109.0	GE	GST		1980
	15	63.5	59.0	59.0	GE	GST		1979
	16	124.0	113.0	113.0	GE	GST		1985
	17	124.0	113.0	113.0	GE	GST		1982
	18	124.0	113.0	113.0	GE	GST		1982
	2	14.1	13.0	13.0	GE	GST		1963
	20	124.0	113.0	113.0	GE	GST		1985
	3	28.8	27.0	27.0	GE	GST		1967
	4	28.8	27.0	27.0	GE	GST		1968
	5	59.4	53.0	53.0	GE	GST		1971
	6	59.4	53.0	53.0	GE	GST		1971
	7	59.4	53.0	53.0	GE	GST		1972
	8	59.4	53.0	53.0	GE	GST		1972
	9	59.4	53.0	53.0	GE	GST		1973
Tiger Creek (Amador)	H1	30.0	58.0[2]	58.0[2]	HC	Water		1931
	H2	30.0	-[2]	-[2]	HC	Water		1931
Toadtown (Butte)	1	1.9	1.0	1.0	HC	Water		1986
Tule (Tulare)	1	4.3	3.2	3.2	HC	Water		1913
	2	4.3	3.2	3.2	HC	Water		1913
Volta 1 (Shasta)	1	9.5	6.3	6.3	HC	Water		1980
Volta 2 (Shasta)	1	1.1	1.0	1.0	HC	Water		1981
West Point (Amador)	1	16.0	14.5	14.5	HC	Water		1948
Wise (Placer)	1	17.0	14.0	14.0	HC	Water		1916
	2	3.2	2.7	2.7	HC	Water		1986
Pacific Power & Light Co								
Copco 1 (Siskiyou)	1	10.0	12.5	10.0	HC	Water		1918
	2	10.0	12.5	10.0	HC	Water		1922
Copco 2 (Siskiyou)	1	13.5	14.8	13.5	HC	Water		1925
	2	13.5	14.8	13.5	HC	Water		1925
Fall Creek (Siskiyou)	1	0.5	0.5	0.5	HC	Water		1903
	2	0.5	0.5	0.5	HC	Water		1907
	3	1.3	1.3	1.3	HC	Water		1910
Iron Gate (Siskiyou)	1	18.0	19.5	20.0	HC	Water		1961
Pasadena City of								
Azusa (Los Angeles)	1	3.0	2.0	2.0	HC	Water		1948
Broadway (Los Angeles)	B1	40.0	45.0	45.0	ST	FO6	Nat Gas	1954
	B2	40.0	45.0	45.0	ST	FO6	Nat Gas	1957
	B3	71.0	71.0	71.0	ST	FO6	Nat Gas	1965
Glenarm (Los Angeles)	GT1	34.0	24.0	26.0	GT	FO2	Nat Gas	1975
	GT2	34.0	24.0	26.0	GT	FO2	Nat Gas	1975
	ST9	35.0	40.0	40.0	ST	FO2	Nat Gas	1949
Placer County Water Agency								
French Meadows (Placer)	1	15.3	17.0	17.0	HC	Water		1966
Hell Hole (Placer)	1	0.7	0.5	0.2	HC	Water		1983
Middle Fork (Placer)	1	54.9	66.0	62.5	HC	Water		1966
	2	54.9	66.0	62.5	HC	Water		1966
Oxbow (Placer)	1	6.6	6.0	6.0	HC	Water		1966
Ralston (Placer)	1	79.2	86.3	86.3	HC	Water		1966
Sacramento Municipal Util Dist								
Camino (El Dorado)	H1	71.3	75.0	75.0	HC	Water		1963
	H2	71.3	75.0	75.0	HC	Water		1968
Camp Far West (Placer)	1*	6.8	6.8	6.8	HC	Water		1985
Coldwater Creek (Sonoma)	GE1*	65.0	59.0	59.3	GE	GST		1988

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
California								
Sacramento Municipal Util Dist	GE2*	65.0	59.0	59.3	GE	GST		1988
Jaybird (El Dorado)	H1	66.5	69.5	69.5	HC	Water		1961
	H2	66.5	69.5	69.5	HC	Water		1961
Jones Fork (El Dorado)	1	10.0	10.0	10.0	HC	Water		1985
Loon Lake (El Dorado)	H1	74.1	82.0	82.0	HC	Water		1971
McClellen (Sacramento)	1	74.2	49.0	49.0	GT	FO2	Nat Gas	1986
Rancho Seco (Sacramento)	1	963.0	873.0	903.0	NP	Uranium		1974
Robbs Peak (El Dorado)	1	23.8	22.0	22.0	HC	Water		1965
Slab Creek (El Dorado)	1	0.5	0.4	0.4	HC	Water		1983
Smudgeo (Sonoma)	1	78.0	72.0	72.0	GE	GST		1983
Solar (Sacramento)	1	1.0	1.0	1.0	SP	SUN		1984
	2	1.0	1.0	1.0	SP	SUN		1986
Union Valley (El Dorado)	1	33.3	37.0	37.0	HC	Water		1963
White Rock (El Dorado)	H1	95.0	111.5	111.5	HC	Water		1968
	H2	95.0	111.5	111.5	HC	Water		1967
San Diego Gas & Electric Co								
Division (San Diego)	1	18.0	16.0	20.0	GT	FO2		1968
El Cajon (San Diego)	1	18.0	17.0	21.0	GT	Nat Gas	FO2	1968
Encina (San Diego)	GT1	18.0	16.0	20.0	GT	Nat Gas	FO2	1968
	ST1	110.3	102.0	102.0	ST	Nat Gas	FO6	1954
	2	110.3	103.0	103.0	ST	Nat Gas	FO6	1956
	3	110.3	110.0	110.0	ST	Nat Gas	FO6	1958
	4	306.0	287.0	287.0	ST	Nat Gas	FO6	1973
	5	345.6	315.0	315.0	ST	FO6	Nat Gas	1978
Heber (Imperial)	1	70.0	40.0	45.0	GE	GST		1985
Kearny (San Diego)	1	20.7	17.0	21.0	GT	Nat Gas	FO2	1972
	2	72.0	65.0	81.0	GT	Nat Gas	FO2	1969
	3	72.0	65.0	81.0	GT	Nat Gas	FO2	1969
Miramar (San Diego)	1	39.1	38.0	46.0	GT	Nat Gas	FO2	1972
Naval Station (San Diego)	1	28.3	23.0	29.0	GT	Nat Gas	FO2	1976
Naval Training Ctr (San Diego)	1	18.0	16.0	20.0	GT	Nat Gas	FO2	1968
North Island (San Diego)	1	19.6	21.0	23.0	GT	FO2		1972
	2	19.6	20.0	23.0	GT	Nat Gas	FO2	1972
Silver Gate (San Diego)	1	40.0	40.0	40.0	ST	FO2	Nat Gas	1942
	2	69.0	62.0	62.0	ST	FO2	Nat Gas	1948
	3	69.0	64.0	64.0	ST	FO2	Nat Gas	1950
	4	69.0	64.0	64.0	ST	FO2	Nat Gas	1952
South Bay (San Diego)	GT1	18.6	18.0	22.0	GT	Jet Fuel		1966
	ST1	136.0	147.0	147.0	ST	Nat Gas	FO6	1960
	2	136.0	150.0	150.0	ST	Nat Gas	FO6	1962
	3	201.6	187.0	187.0	ST	Nat Gas	FO6	1964
	4	240.3	222.0	222.0	ST	Nat Gas	FO6	1971
Station B (San Diego)	HT	3.0	0.5	1.0	ST	Nat Gas	FO2	1926
San Francisco City & County of								
Dion R Holm (Tuolumne)	1	67.5	142.0[2]	137.0[2]	HC	Water		1960
	2	67.5	-[2]	-[2]	HC	Water		1960
Moccasin (Tuolumne)	1	45.0	99.0[2]	99.0[2]	HC	Water		1969
	2	45.0	-[2]	-[2]	HC	Water		1969
Robert C Kirkwood (Tuolumne)	1	33.8	72.0[2]	66.0[2]	HC	Water		1967
	2	33.8	-[2]	-[2]	HC	Water		1967
	3	36.5	36.5	37.7	HC	Water		1987
Santa Clara City of								
Stony Gorge (Glenn)	1	2.5	2.5	2.4	HC	Water		1985
	2	2.5	2.5	2.4	HC	Water		1985
Sierra Pacific Power Co								
Farad (Nevada)	1	1.4	1.3	1.3	HC	Water		1933
	2	1.4	1.3	1.3	HC	Water		1933
Kings Beach (Placer)	1	2.8	2.6	2.8	IC	FO2		1969
	2	2.8	2.6	2.8	IC	FO2		1969
	3	2.8	2.6	2.8	IC	FO2		1969
	4	2.8	2.6	2.8	IC	FO2		1969
	5	2.8	2.6	2.8	IC	FO2		1969
	6	2.8	2.6	2.8	IC	FO2		1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
Sierra Pacific Power Co								
Portola (Plumas)	1	2.0	1.8	2.0	IC	FO2		1965
	2	2.0	1.8	2.0	IC	FO2		1965
	3	2.0	1.8	2.0	IC	FO2		1965
Southern California Edison Co								
Alamitos (Los Angeles)	1	163.2	175.0	175.0	ST	Nat Gas	FO6	1956
	2	163.2	175.0	175.0	ST	Nat Gas	FO6	1957
	3	333.0	320.0	320.0	ST	Nat Gas	FO6	1961
	4	333.0	320.0	320.0	ST	Nat Gas	FO6	1962
	5	495.0	480.0	480.0	ST	Nat Gas	FO6	1965
	6	495.0	480.0	480.0	ST	Nat Gas	FO6	1966
	7	138.1	133.0	147.0	GT	Nat Gas	Jet Fuel	1969
Big Creek 1 (Fresno)	1	14.0	17.5	17.5	HC	Water		1913
	2	14.0	17.0	17.0	HC	Water		1913
	3	14.0	17.2	17.2	HC	Water		1923
	4	28.0	31.2	31.2	HC	Water		1925
Big Creek 2 (Fresno)	3	14.0	15.8	15.8	HC	Water		1913
	4	14.0	15.6	15.6	HC	Water		1913
	5	17.5	16.9	16.9	HC	Water		1920
	6	17.5	18.8	18.8	HC	Water		1924
Big Creek 2A (Fresno)	1	40.0	49.3	49.3	HC	Water		1928
	2	55.0	49.2	49.2	HC	Water		1928
Big Creek 3 (Fresno)	1	25.0	34.5	34.5	HC	Water		1923
	2	25.0	34.5	34.5	HC	Water		1923
	3	25.0	34.3	34.3	HC	Water		1923
	4	36.0	40.5	40.5	HC	Water		1948
	5	36.5	38.1	38.1	HC	Water		1979
Big Creek 4 (Madera)	1	50.0	50.1	50.1	HC	Water		1951
	2	42.0	50.1	50.1	HC	Water		1951
Big Creek 8 (Fresno)	1	27.0	25.8	25.8	HC	Water		1921
	2	31.5	38.7	38.7	HC	Water		1929
Bishop Creek 2 (Inyo)	1	2.5	2.5	2.5	HC	Water		1908
	2	2.5	2.5	2.5	HC	Water		1908
	3	2.3	2.5	2.5	HC	Water		1911
Bishop Creek 3 (Inyo)	1	2.8	2.6	2.6	HC	Water		1913
	2	2.2	2.6	2.6	HC	Water		1913
	3	2.2	2.7	2.7	HC	Water		1913
Bishop Creek 4 (Inyo)	1	1.0	1.0	1.0	HC	Water		1905
	2	1.0	1.0	1.0	HC	Water		1905
	3	1.8	2.0	2.0	HC	Water		1906
	4	1.8	2.0	2.0	HC	Water		1907
	5	1.8	2.0	2.0	HC	Water		1909
Bishop Creek 5 (Inyo)	1	2.0	2.0	2.0	HC	Water		1943
	2	1.5	1.8	1.8	HC	Water		1919
Bishop Creek 6 (Inyo)	1	1.6	2.0	2.0	HC	Water		1912
Borel (Kern)	1	3.0	2.1	2.1	HC	Water		1904
	2	3.0	2.5	2.5	HC	Water		1904
	3	6.0	6.4	6.4	HC	Water		1931
Catalina Micro Hydro (Los Angeles)	HY1	0.0	0.0	0.0	HL	Water		1983
	HY2	0.0	0.1	0.1	HL	Water		1984
	HY3	0.1	0.0	0.0	HL	Water		1984
Cool Water (San Bernardino)	1	65.3	65.0	65.0	ST	Nat Gas	FO6	1961
	2	81.6	81.0	81.0	ST	Nat Gas	FO6	1964
	3A	83.0	68.0	73.0	CT	Nat Gas	Jet Fuel	1978
	3B	83.0	68.0	73.0	CT	Nat Gas	Jet Fuel	1978
	3C	124.0	105.0	110.0	CW	WH		1978
	4A	83.0	68.0	73.0	CT	Nat Gas	Jet Fuel	1978
	4B	83.0	68.0	73.0	CT	Nat Gas	Jet Fuel	1978
	4C	124.0	105.0	110.0	CW	WH		1978
Eastwood (Fresno)	1	199.8	207.0	207.0	HR	Water		1987
El Segundo (Los Angeles)	1	156.3	175.0	175.0	ST	Nat Gas	FO6	1955
	2	156.3	175.0	175.0	ST	Nat Gas	FO6	1956
	3	342.0	335.0	335.0	ST	Nat Gas	FO6	1964
	4	342.0	335.0	335.0	ST	Nat Gas	FO6	1965
Ellwood (Santa Barbara)	1	56.7	48.0	53.0	GT	Nat Gas	Jet Fuel	1974
Etiwanda (San Bernardino)	GT5	138.1	126.0	134.0	GT	Nat Gas	Jet Fuel	1968
	1	122.5	132.0	132.0	ST	Nat Gas	FO6	1953

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
Southern California Edison Co								
	2	122.5	132.0	132.0	ST	Nat Gas	FO6	1953
	3	333.0	320.0	320.0	ST	Nat Gas	FO6	1963
	4	333.0	320.0	320.0	ST	Nat Gas	FO6	1963
Fontana (San Bernardino)	1	1.5	0.9	0.9	HC	Water		1917
	2	1.5	1.0	1.0	HC	Water		1917
Highgrove (Riverside)	1	34.5	32.0	32.0	ST	Nat Gas	FO6	1952
	2	34.5	33.0	33.0	ST	Nat Gas	FO6	1952
	3	50.0	44.0	44.0	ST	Nat Gas	FO6	1953
	4	50.0	45.0	45.0	ST	Nat Gas	FO6	1955
Huntington Beach (Orange)	GT5	138.1	133.0	147.0	GT	Nat Gas	Jet Fuel	1969
	1	217.6	215.0	215.0	ST	Nat Gas	FO6	1958
	2	217.6	215.0	215.0	ST	Nat Gas	FO6	1958
	3	217.6	215.0	215.0	ST	Nat Gas	FO6	1961
	4	217.6	225.0	225.0	ST	Nat Gas	FO6	1961
Kaweah 1 (Tulare)	1	2.3	2.3	2.3	HC	Water		1929
Kaweah 2 (Tulare)	2	1.8	2.1	2.1	HC	Water		1929
Kaweah 3 (Tulare)	1	1.4	2.4	2.4	HC	Water		1913
	2	1.4	2.1	2.1	HC	Water		1913
Kern River 1 (Kern)	1	6.2	6.2	6.2	HC	Water		1907
	2	6.2	6.2	6.2	HC	Water		1907
	3	6.2	6.2	6.2	HC	Water		1907
	4	6.2	6.2	6.2	HC	Water		1907
Kern River 3 (Kern)	1	16.0	18.4	18.4	HC	Water		1921
	2	16.0	18.4	18.4	HC	Water		1920
Long Beach (Los Angeles)	CT1	63.0	56.5	60.0	CT	Nat Gas	Jet Fuel	1976
	CT2	63.0	56.5	60.0	CT	Nat Gas	Jet Fuel	1976
	CT3	63.0	56.5	60.0	CT	Nat Gas	Jet Fuel	1976
	CT4	63.0	56.5	60.0	CT	Nat Gas	Jet Fuel	1976
	CT5	63.0	56.5	60.0	CT	Nat Gas	Jet Fuel	1977
	CT6	63.0	56.5	60.0	CT	Nat Gas	Jet Fuel	1977
	CT7	63.0	56.5	60.0	CT	Nat Gas	Jet Fuel	1977
	8	63.0	77.0	80.0	CW	WH		1976
	9	82.5	58.0	60.0	CW	WH		1977
Lundy (Mono)	1	1.5	1.5	1.5	HC	Water		1911
	2	1.5	1.5	1.5	HC	Water		1911
Lytle Creek (San Bernardino)	1	0.2	0.3	0.3	HC	Water		1904
	2	0.3	0.3	0.3	HC	Water		1904
Mammoth Pool (Madera)	1	84.3	93.5	93.5	HC	Water		1959
	2	64.7	93.5	93.5	HC	Water		1959
Mandalay (Ventura)	1	217.6	215.0	215.0	ST	Nat Gas	FO6	1959
	2	217.6	215.0	215.0	ST	Nat Gas	FO6	1959
	3	138.1	140.0	147.0	GT	Nat Gas	Jet Fuel	1970
Mill Creek 2 (San Bernardino)	1	0.3	0.3	0.3	HC	Water		1904
Mill Creek 3 (San Bernardino)	3	1.0	0.9	0.9	HC	Water		1902
	4	1.0	0.9	0.9	HC	Water		1903
	5	1.0	0.9	0.9	HC	Water		1903
Ontario 1 (Los Angeles)	1	0.2	0.3	0.3	HC	Water		1902
	2	0.2	0.3	0.3	HC	Water		1902
	3	0.2	0.3	0.3	HC	Water		1902
Ontario 2 (Los Angeles)	1	0.3	0.3	0.3	HC	Water		1963
Ormond Beach (Ventura)	1	806.4	750.0	750.0	ST	Nat Gas	FO6	1971
	2	806.4	750.0	750.0	ST	Nat Gas	FO6	1973
Pebbly Beach (Los Angeles)	10	1.1	1.1	1.1	IC	FO2		1986
	11	2.0	1.0	1.0	IC	FO2		1973
	12	1.6	1.6	1.6	IC	FO2		1976
	14	1.4	1.4	1.4	IC	FO2		1986
	7	1.0	1.0	1.0	IC	FO2		1958
	8	1.5	1.5	1.5	IC	FO2		1963
Poole (Mono)	1	10.0	10.0	10.0	HC	Water		1924
Portal (Fresno)	1	10.0	10.5	10.5	HC	Water		1956
Redondo Beach (Los Angeles)	1	66.0	74.0	74.0	ST	Nat Gas	FO6	1948
	2	69.0	74.0	74.0	ST	Nat Gas	FO6	1948
	3	66.0	70.0	70.0	ST	Nat Gas	FO6	1949
	4	69.0	74.0	74.0	ST	Nat Gas	FO6	1949
	5	156.3	175.0	175.0	ST	Nat Gas	FO6	1954
	6	163.2	175.0	175.0	ST	Nat Gas	FO6	1957
	7	495.0	480.0	480.0	ST	Nat Gas	FO6	1966

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
California								
Southern California Edison Co								
	8	495.0	480.0	480.0	ST	Nat Gas	FO6	1967
Rush Creek (Mono)	1	4.4	4.5	4.5	HC	Water		1916
	2	4.0	5.5	5.5	HC	Water		1917
San Bernardino (San Bernardino)	1	65.3	63.0	63.0	ST	Nat Gas	FO6	1957
	2	65.3	63.0	63.0	ST	Nat Gas	FO6	1958
San Gorgonio 1 (Riverside)	1	1.5	1.5	1.5	HC	Water		1923
San Gorgonio 2 (Riverside)	1	0.9	0.7	0.7	HC	Water		1923
San Onofre (San Diego)	1*	456.0	436.0	436.0	NP	Uranium		1967
	2*	1127.0	1070.0	1070.0	NP	Uranium		1982
	3*	1127.0	1080.0	1080.0	NP	Uranium		1983
Santa Ana 2 (San Bernardino)	1	0.4	0.7	0.7	HC	Water		1905
	2	0.4	0.7	0.7	HC	Water		1905
Santa Ana 3 (San Bernardino)	1	1.2	1.7	1.7	HC	Water		1947
Sierra (Los Angeles)	1	0.2	0.4	0.4	HC	Water		1921
	2	0.2	0.4	0.4	HC	Water		1921
Tule (Tulare)	1	1.0	1.3	1.3	HC	Water		1909
	2	1.0	1.3	1.3	HC	Water		1909
Wind Turbine Test (Riverside)	WT3	0.1	0.1	0.1	WT	Wind		1982
Turlock Irrigation District								
Don Pedro (Tuolumne)	1*	45.5	55.0	55.0	HC	Water		1970
	2*	45.5	55.0	55.0	HC	Water		1971
	3*	45.5	55.0	55.0	HC	Water		1971
Hickman (Stanislaus)	1	0.6	0.6	0.5	HC	Water		1979
	2	0.6	0.6	0.5	HC	Water		1979
La Grange (Stanislaus)	1	0.5	0.5	0.5	HC	Water		1924
	2	0.5	0.5	0.5	HC	Water		1924
	3	3.0	3.5	1.0	HC	Water		1924
Turlock Lake (Stanislaus)	1	1.1	1.1	1.0	HC	Water		1980
	2	1.1	1.1	1.0	HC	Water		1980
	3	1.1	1.1	1.0	HC	Water		1980
Upper Dawson (Stanislaus)	1	4.4	5.4	4.0	HC	Water		1983
Walnut (Stanislaus)	1	25.0	23.5	25.0	GT	Nat Gas	FO2	1985
	2	25.0	23.5	25.0	GT	Nat Gas	FO2	1986
Yuba County Water Agency								
Colgate (Yuba)	1	157.5	170.0	161.0	HC	Water		1969
	2	158.0	170.0	161.0	HC	Water		1969
Fish Power (Yuba)	HY1	0.2	0.2	0.2	HC	Water		1986
New Narrows (Yuba)	1	55.0	51.0	55.0	HC	Water		1969
Colorado								
Bureau of Reclamation								
Big Thompson (Larimer)	1	4.5	5.1	4.4	HC	Water		1959
Blue Mesa (Gunnison)	1	43.2	48.0	48.0	HC	Water		1967
	2	43.2	48.0	48.0	HC	Water		1967
Crystal (Montrose)	1	28.0	31.0	31.0	HC	Water		1978
Estes (Larimer)	1	15.0	15.0	15.0	HC	Water		1950
	2	15.0	15.0	15.0	HC	Water		1950
	3	15.0	15.0	15.0	HC	Water		1950
Flatiron (Larimer)	1	43.0	30.0	35.0	HC	Water		1953
	2	43.0	35.0	35.0	HC	Water		1953
	3	10.0	8.5	8.5	HR	Water		1954
Green Mountain (Summit)	1	13.0	12.0[2]	5.0[2]	HC	Water		1943
	2	13.0	-[2]	-[2]	HC	Water		1943
Lower Molina (Mesa)	1	4.9	4.9	4.9	HC	Water		1962
Marys Lake (Larimer)	1	8.1	8.1	8.1	HC	Water		1951
Morrow Point (Montrose)	1	60.0	73.0	73.0	HC	Water		1970
	2	60.0	73.0	73.0	HC	Water		1971
Mount Elbert (Lake)	1	100.0	100.0	100.0	HR	Water		1983
	2	100.0	100.0	100.0	HR	Water		1984
Pole Hill (Larimer)	1	36.5	35.0	33.0	HC	Water		1953
Upper Molina (Mesa)	1	8.6	8.6	8.6	HC	Water		1962

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Colorado								
Burlington City of								
Burlington (Kit Carson)	1	1.3	1.0	1.0	IC	FO2		1960
	2	2.8	2.5	2.8	IC	FO2		1965
	3	2.5	2.2	2.5	IC	FO2		1969
	4	1.0	0.8	0.8	IC	FO2		1951
Centel Corp								
Pueblo (Pueblo)	IC1	2.0	2.0	2.0	IC	FO2		1964
	IC2	2.0	2.0	2.0	IC	FO2		1964
	IC3	2.0	2.0	2.0	IC	FO2		1964
	IC4	2.0	2.0	2.0	IC	FO2		1964
	IC5	2.0	2.0	2.0	IC	FO2		1964
	4	7.5	8.0	8.0	ST	Nat Gas		1922
	5	7.5	9.5	9.5	ST	Nat Gas	FO2	1941
	6	15.0	19.0	19.0	ST	Nat Gas	FO2	1949
Rocky Ford (Otero)	IC1	2.0	2.0	2.0	IC	FO2		1964
	IC2	2.0	2.0	2.0	IC	FO2		1964
	IC3	2.0	2.0	2.0	IC	FO2		1964
	IC4	2.0	2.0	2.0	IC	FO2		1964
	IC5	2.0	2.0	2.0	IC	FO2		1964
	1	7.5	8.5	8.5	ST	Nat Gas	FO6	1951
W N Clark (Fremont)	1*	16.5	19.0	19.0	ST	BIT		1955
	2	22.0	24.0	24.0	ST	BIT		1958
Center City of								
Center (Saguache)	3	0.5	0.5	0.5	IC	FO2	Nat Gas	1963
	5	1.0	1.0	1.0	IC	FO2		1959
Colorado Springs City of								
George Birdsall (El Paso)	1	18.8	17.0	17.0	ST	Nat Gas	FO6	1953
	2	18.8	17.0	17.0	ST	Nat Gas	FO6	1954
	3	25.0	23.0	23.0	ST	Nat Gas	FO6	1957
Manitou (El Paso)	1	2.5	2.5	1.0	HC	Water		1939
	2	2.5	2.5	1.0	HC	Water		1927
Martin Drake (El Paso)	1	5.0	5.0	5.0	ST	Nat Gas	FO6	1945
	3	5.0	5.0	5.0	ST	Nat Gas	FO6	1932
	4	10.0	11.0	11.0	ST	Nat Gas	FO6	1949
	5	50.0	50.0	50.0	ST	BIT	Nat Gas	1962
	6	75.0	79.0	79.0	ST	BIT	Nat Gas	1968
	7	132.0	133.0	133.0	ST	BIT	Nat Gas	1974
Ray D Nixon (El Paso)	1	207.0	204.0	204.0	ST	BIT		1979
Ruxton (El Paso)	1	1.0	1.0	1.0	HC	Water		1905
Colorado-Ute Electric Assn Inc								
Ames (San Miguel)	1	4.0	4.0	4.0	HC	Water		1906
Craig (Moffat)	1*	446.4	428.0	428.0	ST	BIT		1980
	2*	446.4	428.0	428.0	ST	BIT		1979
	3	446.4	408.0	408.0	ST	BIT		1984
Hayden (Routt)	1	190.0	184.0	184.0	ST	BIT		1965
	2*	275.4	262.0	262.0	ST	BIT		1976
Nucla (Montrose)	ST4	79.4	100.0	100.0	ST	BIT	Nat Gas	1987
	1	12.6	12.0	12.0	ST	BIT		1959
	2	12.6	12.0	12.0	ST	BIT		1959
	3	12.6	12.0	12.0	ST	BIT		1959
Ouray (Ouray)	1	0.5	0.5	0.5	HC	Water		1904
Tacoma (La Plata)	1	2.3	2.0	2.0	HC	Water		1906
	2	2.3	2.0	2.0	HC	Water		1906
	3	3.5	4.0	4.0	HC	Water		1949
Delta City of								
Delta (Delta)	1	0.8	0.8	0.8	IC	Nat Gas	FO2	1945
	2	0.4	0.4	0.4	IC	Nat Gas	FO2	1939
	3	0.2	0.2	0.2	IC	FO2		1938
	4	0.1	0.1	0.1	IC	FO2		1937
	5	0.1	0.1	0.1	IC	FO2		1937

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Colorado								
Delta City of								
	6	1.2	1.2	1.2	IC	Nat Gas	FO2	1949
	7	2.1	1.9	2.0	IC	Nat Gas	FO2	1956
Denver City & County of								
Dillon (Summit)	NA3	1.8	1.8	1.8	HC	Water		1987
Foothills (Douglas)	1	3.1	3.1	1.0	HL	Water		1984
Roberts Tunnel (Park)	NA2	5.5	5.5	5.5	HL	Water		1987
Strontia Springs (Douglas)	1	1.0	1.0	1.0	HC	Water		1986
Williams Fork (Grand)	1	3.0	3.0	3.0	HC	Water		1959
Haxtun Town of								
Haxtun (Phillips)	1	0.3	0.3	0.3	IC	FO2		1944
	2	0.1	0.1	0.1	IC	FO2		1919
	3	0.3	0.3	0.3	IC	FO2		1947
Holly City of								
Holly (Prowers)	1	0.3	0.3	0.3	IC	Nat Gas	FO2	1950
	2	0.3	0.3	0.3	IC	Nat Gas	FO2	1950
	3	0.3	0.3	0.3	IC	FO1		1987
Holyoke City of								
Holyoke (Phillips)	1	0.2	0.2	0.2	IC	FO2		1933
	2	0.3	0.3	0.3	IC	FO2		1937
	3	0.5	0.5	0.5	IC	FO2		1940
Julesburg City of								
Julesburg (Sedgwick)	1	0.9	0.8	0.8	IC	FO2	Nat Gas	1951
	2	0.9	0.8	0.8	IC	FO2		1949
	3	0.3	0.2	0.2	IC	FO2		1945
	4	1.3	1.2	1.2	IC	FO2	Nat Gas	1964
	5	0.3	0.2	0.2	IC	FO2		1946
La Junta City of								
La Junta (Otero)	1	0.7	0.6	0.7	IC	FO2		1939
	2	0.7	0.5	0.5	IC	FO2	Nat Gas	1939
	3	0.4	0.4	0.4	IC	FO2	Nat Gas	1939
	4	1.1	1.0	1.0	IC	Nat Gas	FO2	1942
	5	1.3	1.1	1.3	IC	Nat Gas	FO2	1950
	6	3.0	2.5	2.5	IC	Nat Gas	FO2	1958
	7	3.5	3.0	3.0	IC	Nat Gas	FO2	1962
	8	3.5	3.0	3.0	IC	Nat Gas	FO2	1962
	9	5.1	4.0	4.0	IC	Nat Gas	FO2	1970
Lamar City of								
Lamar (Prowers)	IC1	1.0	1.0	1.0	IC	FO2		1949
	IC2	1.0	1.0	1.0	IC	FO2		1946
	2	3.0	3.0	3.0	ST	Nat Gas	FO2	1939
	3	5.0	6.0	6.0	ST	Nat Gas	FO2	1952
	4	25.0	28.0	28.0	ST	Nat Gas	FO2	1972
Las Animas City of								
Las Animas (Bent)	1	0.3	0.3	0.3	IC	FO2		1941
	2	0.3	0.3	0.3	IC	FO2		1941
	4	1.0	1.0	1.0	IC	Nat Gas	FO2	1951
	5	1.0	0.3	0.3	IC	Nat Gas	FO2	1951
	6	3.0	2.5	2.5	IC	Nat Gas	FO2	1967
Longmont City of								
Longmont (Boulder)	1	0.3	0.3	0.3	HC	Water		1911
	2	0.3	0.3	0.3	HC	Water		1911
Platte River Power Authority								
Rawhide (Larimer)	1	255.0	255.0	255.0	ST	SUB		1983

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Colorado								
Public Service Co of Colorado								
Alamosa (Alamosa)	CT1	16.7	14.0	17.0	GT	FO2	Nat Gas	1973
	CT2	16.6	16.0	19.0	GT	FO2	Nat Gas	1977
Arapahoe (Denver)	1	44.0	45.0	45.0	ST	BIT	Nat Gas	1950
	2	44.0	45.0	45.0	ST	BIT	Nat Gas	1951
	3	44.0	45.0	45.0	ST	BIT	Nat Gas	1951
	4	100.0	103.0	103.0	ST	BIT	Nat Gas	1955
Boulder (Denver)	1	10.0	5.0	10.0	HC	Water		1911
	2	10.0	5.0	10.0	HC	Water		1911
Cabin Creek (Clear Creek)	A	150.0	162.0	162.0	HR	Water		1967
	B	150.0	162.0	162.0	HR	Water		1967
Cameo (Mesa)	1	22.0	24.0	24.0	ST	BIT	Nat Gas	1957
	2	44.0	49.0	49.0	ST	BIT	Nat Gas	1960
Cherokee (Adams)	IC1	2.8	2.8	2.8	IC	FO2		1967
	IC2	2.8	2.8	2.8	IC	FO2		1988
	1	100.0	104.0	104.0	ST	BIT	Nat Gas	1957
	2	110.0	106.0	106.0	ST	BIT	Nat Gas	1959
	3	150.0	158.0	158.0	ST	BIT	Nat Gas	1962
	4	350.0	339.0	339.0	ST	BIT	Nat Gas	1968
Comanche (Pueblo)	1	350.0	325.0	325.0	ST	BIT		1973
	2	350.0	335.0	335.0	ST	BIT		1975
Fort Lupton (Adams)	1	39.2	40.0	50.0	GT	Nat Gas	FO2	1972
	2	39.2	40.0	50.0	GT	Nat Gas	FO2	1972
Fort St Vrain (Weld)	1	336.0	217.0	217.0	NH	Uranium		1976
Fruita (Mesa)	1	18.7	17.0	20.0	GT	Nat Gas	FO2	1973
Georgetown (Clear Creek)	1	0.7	0.9	0.6	HC	Water		1909
	2	0.7	0.9	0.6	HC	Water		1908
Palisade (Mesa)	1	1.5	1.6	1.6	HC	Water		1932
	2	1.5	1.6	1.6	HC	Water		1932
Pawnee (Morgan)	1	500.0	495.0	495.0	ST	BIT		1981
Salida 1 (Chaffee)	1	0.8	0.8	0.6	HC	Water		1929
Salida 2 (Chaffee)	1	0.6	0.6	0.6	HC	Water		1908
Shoshone (Garfield)	A	7.2	7.5	7.5	HC	Water		1909
	B	7.2	7,5	7.5	HC	Water		1909
Valmont (Boulder)	5	166.3	178.0	178.0	ST	BIT	Nat Gas	1964
	6	45.2	44.0	53.0	GT	FO2	Nat Gas	1973
Zuni (Denver)	1	35.0	39.0	25.0	ST	Nat Gas	FO6	1948
	2	66.0	68.0	65.0	ST	Nat Gas	FO6	1954
Redlands Water & Power Co								
Redlands (Mesa)	1	1.4	1.4	1.4	HC	Water		1932
Springfield City of								
Springfield (Baca)	IC4	0.6	0.6	0.6	IC	FO1	Nat Gas	1950
	IC5	0.8	0.8	0.8	IC	FO1	Nat Gas	1960
	1	1.3	1.3	1.3	IC	FO1	Nat Gas	1965
	2	0.2	0.2	0.2	IC	FO1	Nat Gas	1950
Tri-State G & T Assn Inc								
Burlington (Kit Carson)	1	46.3	50.0	60.0	GT	FO2		1977
	2	46.3	50.0	60.0	GT	FO2		1977
Republican River (Yuma)	1	74.9	65.0	75.0	GT	FO2		1975
	2	74.9	65.0	75.0	GT	FO2		1975
	3	74.9	65.0	75.0	GT	FO2		1975
Trinidad City of								
Trinidad (Las Animas)	1	3.8	3.8	3.8	ST	BIT		1950
	2	3.8	3.8	3.8	ST	Nat Gas	FO2	1950
	3	1.9	1.9	1.9	IC	Nat Gas	FO2	1966
	4	1.9	1.9	2.0	IC	Nat Gas	FO2	1966
Yuma City of								
Yuma (Yuma)	1	0.1	0.1	0.1	IC	FO2		1937
	2	0.2	0.1	0.1	IC	FO2		1937
	3	0.4	0.3	0.3	IC	FO2		1938
	4	0.6	0.6	0.6	IC	FO2		1948

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Connecticut								
Connecticut Light & Power Co								
Bantam (Litchfield)	1	0.3	0.3	0.3	HC	Water		1905
Branford (New Haven)	10	18.6	15.8	18.9	GT	Jet Fuel		1969
Bulls Bridge (Litchfield)	1	1.2	1.4	1.4	HC	Water		1903
	2	1.2	1.4	1.4	HC	Water		1903
	3	1.2	1.4	1.4	HC	Water		1903
	4	1.2	1.4	1.4	HC	Water		1903
	5	1.2	1.4	1.4	HC	Water		1903
	6	1.2	1.4	1.4	HC	Water		1903
Cos Cob (Fairfield)	10	21.3	19.0	24.0	JE	Jet Fuel		1969
	11	21.3	18.8	24.0	JE	Jet Fuel		1969
	12	21.3	19.0	24.0	JE	Jet Fuel		1969
Devon (New Haven)	11	18.6	17.2	19.2	JE	Jet Fuel		1988
	3	66.0	68.0	71.0	ST	FO6		1951
	4	45.0	50.0	52.0	ST	FO6		1942
	5	45.0	48.0	51.0	ST	FO6		1947
	6	66.0	68.0	71.0	ST	FO6		1949
	7	103.5	107.0	109.0	ST	FO6		1956
	8	103.5	107.0	109.0	ST	FO6		1958
Falls Village (Litchfield)	1	3.0	3.7	3.4	HC	Water		1914
	2	3.0	3.7	3.4	HC	Water		1914
	3	3.0	3.7	3.4	HC	Water		1914
Franklin Drive (Litchfield)	19	18.6	17.2	22.0	JE	Jet Fuel		1968
Middletown (Middlesex)	1	69.0	65.5	73.0	ST	FO6		1954
	10	18.6	17.2	22.0	JE	Jet Fuel		1966
	2	113.6	117.0	120.0	ST	FO6		1958
	3	239.4	233.0	240.0	ST	FO6		1964
	4	414.9	400.0	400.0	ST	FO6		1973
Montville (New London)	10	2.8	2.8	2.8	IC	FO2		1967
	11	2.8	2.8	2.8	IC	FO2		1967
	5	75.0	81.0	82.0	ST	FO6	Nat Gas	1954
	6	414.9	410.0	410.0	ST	FO6		1971
Norwalk Harbor (Fairfield)	1	163.2	162.0	164.0	ST	FO6		1960
	10	16.3	12.3	17.0	GT	FO2		1966
	2	163.2	171.0	174.0	ST	FO6		1963
Robertsville (Litchfield)	1	0.3	0.2	0.3	HC	Water		1924
	2	0.3	0.2	0.3	HC	Water		1924
Rocky River (Litchfield)	1	3.5	2.0	2.0	HR	Water		1929
	2	3.5	2.0	2.0	HR	Water		1928
	3	24.0	25.0	25.0	HR	Water		1928
Scotland Dam (Windham)	1	2.0	2.2	2.2	HC	Water		1937
Shepaug (New Haven)	1	37.2	43.0	42.5	HC	Water		1955
South Meadow (Hartford)	11	41.9	38.8	49.0	JE	Jet Fuel		1970
	12	41.9	39.0	49.0	JE	Jet Fuel		1970
	13	41.9	39.0	49.0	JE	Jet Fuel		1970
	14	41.9	39.0	49.0	JE	Jet Fuel		1970
	5	45.0	32.1	32.1	ST	Refuse	BIT	1942
	6	45.0	32.1	32.1	ST	Refuse	BIT	1950
Stevenson (Fairfield)	1	7.5	7.2	7.1	HC	Water		1919
	2	7.5	7.2	7.1	HC	Water		1919
	3	7.5	7.2	7.1	HC	Water		1919
	4	8.0	7.7	7.6	HC	Water		1936
Taftville (New London)	1	0.4	0.3	0.5	HC	Water		1926
	2	0.3	0.2	0.3	HC	Water		1906
	3	0.4	0.2	0.4	HC	Water		1906
	4	0.4	0.2	0.4	HC	Water		1949
	5	0.4	0.4	0.4	HC	Water		1949
Torrington (Litchfield)	10	18.6	17.2	21.8	JE	Jet Fuel		1967
Tunnel (New London)	1	1.0	1.0	1.0	HC	Water		1919
	10	18.6	17.2	21.8	GT	Jet Fuel		1969
	2	1.0	1.0	1.0	HC	Water		1949
Connecticut Yankee Atom Pwr Co								
Haddam Neck (Middlesex)	1•	600.3	565.0	587.0	NP	Uranium		1967

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Connecticut								
Farmington River Power Co								
Rainbow (Hartford)	1	4.0	4.0	4.0	HC	Water		1925
	2	4.0	4.0	4.0	HC	Water		1925
Gilman Brothers Co								
Gilman (New London)	1	0.3	0.2	0.2	HC	Water		1946
Northeast Nuclear Energy Co								
Millstone (New London)	1*	661.5	652.0	659.5	NB	Uranium		1970
	2*	909.9	862.9	868.3	NP	Uranium		1975
	3*	1253.1	1137.0	1156.0	NP	Uranium		1986
Norwich City of								
North Main Street (New London)	5	16.8	15.3	18.4	GT	FO2		1972
Occum (New London)	1	0.8	0.8	0.8	HC	Water		1936
Second Street (New London)	1	0.4	0.4	0.4	HC	Water		1927
	2	0.4	0.4	0.4	HC	Water		1927
Tenth Street (New London)	1	1.4	1.4	1.4	HC	Water		1967
South Norwalk City of								
South Norwalk (Fairfield)	1	5.0	3.8	4.4	IC	FO2		1972
	2	2.0	1.8	1.8	IC	FO2		1940
	3	2.0	1.8	1.8	IC	FO2		1942
	4	3.0	2.7	2.9	IC	FO2		1951
	5	3.3	2.7	3.0	IC	FO2		1960
United Illuminating Co								
Bridgeport Harbor (Fairfield)	1	81.5	82.0	82.0	ST	FO6		1957
	2	179.5	170.0	176.0	ST	FO6		1961
	3	399.5	385.0	385.0	ST	BIT	FO6	1968
	4	18.6	17.1	22.0	IC	Jet Fuel		1967
English (New Haven)	7	30.0	34.1	35.0	ST	FO6		1940
	8	36.8	37.0	39.5	ST	FO6		1953
New Haven Harbor (New Haven)	1*	460.3	447.0	447.0	ST	FO6	Nat Gas	1975
Steel Point (Fairfield)	11	34.5	33.0	33.0	ST	FO6		1950
	9	25.0	30.0	30.0	ST	FO6		1941
Wallingford Town of								
Pierce (New Haven)	1	7.5	7.5	7.5	ST	FO4		1953
	2	7.5	7.5	7.5	ST	FO4		1953
	3	7.5	7.5	7.5	ST	FO4		1953

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Delaware								
Delmarva Power & Light Co								
Christiana (New Castle)	11	26.6	18.0	25.0	GT	FO2		1973
	14	26.6	18.0	25.0	GT	FO2		1973
Delaware City (New Castle)	1	27.5	27.0	27.0	ST	PC		1956
	10	18.6	14.0	16.0	GT	FO2		1968
	2	27.5	27.0	27.0	ST	PC		1956
	3	75.0	53.3	54.7	ST	FO6	RG	1961
Edge Moor (New Castle)	10	12.5	13.0	15.0	GT	FO2		1963
	3	75.0	82.0	82.0	ST	FO6	Nat Gas	1954
	4	176.8	167.0	167.0	ST	BIT	FO2	1966
	5	446.0	417.0	417.0	ST	FO6	Nat Gas	1973
Indian River (Sussex)	1	81.6	89.0	90.0	ST	BIT	FO6	1957
	10	18.6	14.0	19.0	GT	FO2		1967
	2	81.3	89.0	90.0	ST	BIT		1958
	3	176.8	162.0	165.0	ST	BIT	FO6	1970
	4	442.4	412.0	412.0	ST	BIT	FO6	1980
Madison Street (New Castle)	1	11.5	11.0	14.0	GT	FO2		1962
West Substation (New Castle)	1	16.2	13.0	17.0	GT	FO2		1964
Dover City of								
McKee Run (Kent)	1	18.8	15.0	15.0	ST	FO6	Nat Gas	1961
	2	18.8	15.0	15.0	ST	FO6	Nat Gas	1962
	3	113.6	102.0	102.0	ST	FO6	Nat Gas	1975
Lewes City of								
Lewes (Sussex)	5	0.6	0.6	0.6	IC	FO2		1953
	6	0.6	0.6	0.6	IC	FO2		1953
Seaford City of								
Seaford (Sussex)	1	1.4	1.4	1.4	IC	FO2		1958
	2	1.4	1.4	1.4	IC	FO2		1954
	5	0.8	0.8	0.8	IC	FO2		1947
	6	2.0	2.0	2.0	IC	FO2		1962
District of Columbia								
Potomac Electric Power Co								
Benning (District of Columbia)	15	290.0	275.0	275.0	ST	FO4	FO2	1968
	16	290.0	275.0	275.0	ST	FO4	FO2	1972
Buzzard Point (District of Columbia)	EAS	144.0	128.0	160.0	GT	FO2		1968
	WES	144.0	128.0	160.0	GT	FO2		1968
Florida								
Alabama Electric Coop Inc								
Portland (Walton)	1	11.0	9.9	9.9	GT	FO2		1964
Florida Keys El Coop Assn Inc								
Marathon (Monroe)	3	3.0	2.5	2.5	IC	FO2		1957
	4	3.0	2.5	2.5	IC	FO2		1958
	5	3.0	2.5	2.5	IC	FO2		1958
	6	2.5	2.5	2.5	IC	FO2		1973
	7	2.5	2.5	2.5	IC	FO2		1973
Florida Power & Light Co								
Cape Canaveral (Brevard)	1	402.1	367.0	370.0	ST	Nat Gas	FO6	1965
	2	402.1	367.0	370.0	ST	Nat Gas	FO6	1969
Cutler (Dade)	5	75.0	67.0	68.0	ST	Nat Gas		1954
	6	161.5	130.0	131.0	ST	Nat Gas		1955
Fort Myers (Lee)	GT1	62.0	51.5	63.0	GT	FO2		1974
	GT2	62.0	51.5	63.0	GT	FO2		1974
	G10	62.0	51.5	63.0	GT	FO2		1974
	ST1	156.3	137.0	138.0	ST	FO6		1958
	ST2	402.1	367.0	370.0	ST	FO6		1969
	11	62.0	51.5	63.0	GT	FO2		1974
	12	62.0	51.5	63.0	GT	FO2		1974
	3	62.0	51.5	63.0	GT	FO2		1974
	4	62.0	51.5	63.0	GT	FO2		1974

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Florida								
Florida Power & Light Co								
	5	62.0	51.5	63.0	GT	FO2		1974
	6	62.0	51.5	63.0	GT	FO2		1974
	7	62.0	51.5	63.0	GT	FO2		1974
	8	62.0	51.5	63.0	GT	FO2		1974
	9	62.0	51.5	63.0	GT	FO2		1974
Lauderdale (Broward)	GT4	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	GT5	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	ST4	156.3	137.0	138.0	ST	Nat Gas	FO6	1957
	ST5	156.3	137.0	138.0	ST	Nat Gas	FO6	1958
	1	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	10	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	11	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	12	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	13	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	14	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	15	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	16	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	17	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	18	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	19	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	2	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	20	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	21	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	22	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	23	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	24	34.2	35.5	40.5	GT	Nat Gas	FO2	1972
	3	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	6	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	7	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	8	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
	9	34.2	35.5	40.5	GT	Nat Gas	FO2	1970
Manatee (Manatee)	1	863.3	783.0	790.0	ST	FO6		1976
	2	863.3	783.0	790.0	ST	FO6		1977
Martin (Martin)	1	863.3	783.0	790.0	ST	FO6	Nat Gas	1980
	2	863.3	783.0	790.0	ST	Nat Gas	FO6	1981
Port Everglades (Broward)	GT1	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	GT2	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	GT3	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	GT4	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	GT5	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	IC1	2.8	2.8	2.8	IC	FO2		1968
	IC2	2.8	2.8	2.8	IC	FO2		1968
	IC3	2.8	2.8	2.8	IC	FO2		1968
	IC4	2.8	2.8	2.8	IC	FO2		1968
	IC5	2.8	2.8	2.8	IC	FO2		1968
	ST1	225.3	204.0	205.0	ST	FO6	Nat Gas	1960
	ST2	225.3	204.0	205.0	ST	FO6	Nat Gas	1961
	ST3	402.1	367.0	369.0	ST	FO6	Nat Gas	1964
	ST4	402.1	367.0	369.0	ST	FO6	Nat Gas	1965
	10	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	11	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	12	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	6	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	7	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	8	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
	9	34.2	35.5	40.5	GT	Nat Gas	FO2	1971
Putnam (Putnam)	1GT1	85.0	-[2]	-[3]	CT	Nat Gas	FO6	1978
	1GT2	85.0	-[2]	-[3]	CT	Nat Gas	FO6	1978
	1ST	120.0	224.0[2]	234.0[3]	CA	WH	Nat Gas	1978
	2GT1	85.0	-[4]	-[5]	CT	Nat Gas	FO6	1977
	2GT2	85.0	-[4]	-[5]	CT	Nat Gas	FO6	1977
	2ST	120.0	224.0[4]	234.0[5]	CA	WH	Nat Gas	1977
Riviera (Palm Beach)	2	75.0	69.0	71.0	ST	Nat Gas	FO6	1953
	3	310.4	272.0	274.0	ST	Nat Gas	FO6	1962
	4	310.4	272.0	274.0	ST	Nat Gas	FO6	1963
Sanford (Volusia)	3	156.3	137.0	139.0	ST	Nat Gas	FO6	1959

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Florida								
Florida Power & Light Co								
	4	436.1	362.0	366.0	ST	FO6		1972
	5	436.1	362.0	366.0	ST	FO6		1973
St Lucie (St Lucie)	1	850.0	839.0	853.0	NP	Uranium		1976
	2*	850.0	839.0	853.0	NP	Uranium		1983
Turkey Point (Dade)	IC1	2.8	2.8	2.8	IC	FO2		1968
	IC2	2.8	2.8	2.8	IC	FO2		1968
	IC3	2.8	2.8	2.8	IC	FO2		1968
	IC4	2.8	2.8	2.8	IC	FO2		1968
	ST1	402.1	367.0	370.0	ST	Nat Gas	FO6	1967
	ST2	402.1	367.0	370.0	ST	FO6	Nat Gas	1968
	3	759.9	666.0	688.0	NP	Uranium		1972
	4	759.9	666.0	688.0	NP	Uranium		1973
	5	2.8	2.8	2.8	IC	FO2		1968
Florida Power Corp								
Anclote (Pasco)	1	556.2	503.0	517.0	ST	FO6		1974
	2	556.2	470.0	502.0	ST	FO6		1978
Avon Park (Highlands)	GT1	33.8	28.0	33.0	GT	FO2	Nat Gas	1968
	GT2	33.8	28.0	33.0	GT	FO2	Nat Gas	1968
	ST2	46.0	40.0	40.0	ST	FO6	Nat Gas	1952
Bayboro (Pinellas)	GT2	56.7	46.0	54.0	JE	FO2		1973
	GT3	56.7	46.0	54.0	JE	FO2		1973
	GT4	56.7	46.0	54.0	JE	FO2		1973
	1	56.7	46.0	54.0	JE	FO2		1973
Crystal River (Citrus)	ST4	739.3	697.0	717.0	ST	BIT		1982
	1	440.6	372.0	373.0	ST	BIT		1966
	2	523.8	468.0	469.0	ST	BIT		1969
	3*	890.5	666.0	769.0	NP	Uranium		1977
	5	739.3	697.0	717.0	ST	BIT		1984
Debary (Volusia)	1	66.9	47.0	55.0	GT	FO4	FO2	1976
	2	66.9	47.0	55.0	GT	FO4	FO2	1976
	3	66.9	47.0	55.0	GT	FO4	FO2	1975
	4	66.9	47.0	55.0	GT	FO4	FO2	1976
	5	66.9	47.0	55.0	GT	FO4	FO2	1975
	6	66.9	47.0	55.0	GT	FO4	FO2	1976
G E Turner (Volusia)	GT1	19.3	14.0	17.0	GT	FO2		1970
	GT2	19.3	14.0	17.0	GT	FO2		1970
	GT3	71.2	65.0	75.0	GT	FO2		1974
	GT4	71.2	65.0	75.0	GT	FO2		1974
	ST2	28.8	23.0	23.0	ST	Nat Gas	FO6	1948
	ST3	78.8	70.0	72.0	ST	Nat Gas	FO6	1955
	ST4	81.6	71.0	73.0	ST	Nat Gas	FO6	1959
Higgins (Pinellas)	GT1	33.8	25.0	30.0	JE	FO2	Nat Gas	1969
	GT2	33.8	25.0	30.0	JE	FO2	Nat Gas	1969
	GT3	42.9	30.0	33.0	JE	FO2	Nat Gas	1970
	ST1	46.0	39.0	40.0	ST	FO6	Nat Gas	1951
	ST2	46.0	41.0	42.0	ST	FO6	Nat Gas	1953
	ST3	46.0	39.0	41.0	ST	FO6		1953
	4	42.9	30.0	33.0	JE	FO2	Nat Gas	1970
Intercession City (Osceola)	1	56.7	46.0	57.0	JE	FO2		1974
	2	56.7	46.0	57.0	JE	FO2		1974
	3	56.7	46.0	57.0	JE	FO2		1974
	4	56.7	46.0	57.0	JE	FO2		1974
	5	56.7	46.0	57.0	JE	FO2		1974
	6	56.7	46.0	57.0	JE	FO2		1974
P L Bartow (Pinellas)	GT1	55.7	44.0	53.0	GT	FO2		1972
	GT2	55.7	44.0	53.0	GT	FO2		1972
	GT3	55.7	44.0	53.0	GT	FO2		1972
	ST1	127.5	107.0	108.0	ST	FO6		1958
	ST2	127.5	117.0	119.0	ST	FO6		1961
	ST3	239.4	210.0	215.0	ST	FO6	Nat Gas	1963
	4	55.7	44.0	53.0	GT	FO2		1972
Port St Joe (Gulf)	P1	19.3	14.0	17.0	GT	FO2		1970
Rio Pinar (Orange)	1	19.3	14.0	17.0	GT	FO2		1970
Suwannee River (Suwannee)	P1	61.2	53.0	65.0	JE	FO2		1980
	P2	61.2	53.0	65.0	JE	FO2		1980

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Florida								
Florida Power Corp								
	P3	61.2	53.0	65.0	JE	FO2		1980
	1	34.5	33.0	34.0	ST	FO6	Nat Gas	1953
	2	37.5	32.0	33.0	ST	FO6	Nat Gas	1954
	3	75.0	80.0	80.0	ST	FO6	Nat Gas	1956
Florida Public Utilities Co								
Blue Springs (Jackson)	1	0.2	0.2	0.2	HC	Water		1934
Lime Street (Nassau)	10	1.0	1.0	1.0	IC	FO2		1957
	9	1.0	1.0	1.0	IC	FO2		1957
Fort Pierce Utilities Auth								
Henry D King (St Lucie)	GT1	2.8	2.8	2.8	IC	FO2		1970
	GT2	2.8	2.8	2.8	IC	FO2		1970
	5	8.2	8.2	8.2	CW	WH		1953
	6	16.5	16.5	16.5	ST	Nat Gas		1957
	7	33.0	33.0	33.0	ST	Nat Gas		1963
	8	56.1	56.1	56.1	ST	Nat Gas		1976
Gainesville Regional Utilities								
Deerhaven (Alachua)	GT1	24.6	17.5	20.0	GT	Nat Gas	FO2	1976
	GT2	24.6	17.5	20.0	GT	Nat Gas	FO2	1976
	1	75.0	81.0	81.0	ST	Nat Gas	FO6	1972
	2	250.8	218.0	218.0	ST	BIT		1981
J R Kelly (Alachua)	GT1	16.3	14.0	15.0	GT	Nat Gas	FO2	1966
	GT2	16.3	14.0	15.0	GT	Nat Gas	FO2	1968
	GT3	16.3	14.0	15.0	GT	Nat Gas	FO2	1969
	6	18.8	14.5	14.5	ST	Nat Gas	FO6	1958
	7	25.0	19.5	19.5	ST	Nat Gas	FO6	1961
	8	50.0	41.0	43.0	ST	Nat Gas	FO6	1965
Gulf Power Co								
Crist (Escambia)	1	28.1	21.9	21.9	ST	Nat Gas	FO6	1944
	2	28.1	21.0	21.0	ST	Nat Gas	FO6	1949
	3	37.5	37.8	37.8	ST	Nat Gas	FO6	1952
	4	93.8	87.5	87.5	ST	BIT	Nat Gas	1959
	5	93.8	89.0	89.0	ST	BIT	Nat Gas	1961
	6	369.8	332.0	332.0	ST	BIT	Nat Gas	1970
	7	578.0	507.9	507.9	ST	BIT	Nat Gas	1973
Scholz (Jackson)	1	49.0	46.0	46.0	ST	BIT		1953
	2	49.0	47.1	47.1	ST	BIT		1953
Smith (Bay)	CT1	41.9	31.3	34.8	GT	FO2		1971
	1	149.6	165.1	165.1	ST	BIT		1965
	2	190.4	190.6	190.6	ST	BIT		1967
Homestead City of								
G W Ivey (Dade)	10	2.5	2.5	2.5	IC	Nat Gas	FO2	1957
	11	3.3	3.3	3.3	IC	Nat Gas	FO2	1964
	12	3.3	3.3	3.3	IC	Nat Gas	FO2	1964
	13	2.1	2.1	2.1	IC	Nat Gas	FO2	1972
	14	2.1	2.1	2.1	IC	Nat Gas	FO2	1972
	15	2.1	2.1	2.1	IC	Nat Gas	FO2	1972
	16	2.1	2.1	2.1	IC	Nat Gas	FO2	1972
	17	2.1	2.1	2.1	IC	Nat Gas	FO2	1972
	18	8.8	8.8	8.8	IC	Nat Gas	FO2	1975
	19	8.8	8.8	8.8	IC	Nat Gas	FO2	1975
	2	2.1	2.1	2.1	IC	Nat Gas	FO2	1970
	20	6.5	6.5	6.5	IC	Nat Gas	FO2	1981
	21	6.5	6.5	6.5	IC	Nat Gas	FO2	1981
	3	2.1	2.1	2.1	IC	Nat Gas	FO2	1970
	8	2.5	2.5	2.5	IC	Nat Gas	FO2	1953
	9	2.5	2.5	2.5	IC	Nat Gas	FO2	1957
Jacksonville Electric Auth								
J D Kennedy (Duval)	GT3	56.2	54.0	62.7	GT	FO2		1973
	GT4	56.2	54.0	62.7	GT	FO2		1973
	GT5	56.2	54.0	62.7	GT	FO2		1973

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Florida								
Jacksonville Electric Auth								
	10	149.6	129.0	129.0	ST	FO6	Nat Gas	1961
	6	56.2	54.0	62.7	GT	FO2		1973
	8	50.0	42.8	46.0	ST	FO6		1955
	9	50.0	43.0	43.0	ST	FO6	Nat Gas	1957
Northside (Duval)	GT3	62.1	52.0	61.4	GT	FO2		1975
	ST3	563.7	499.0	499.0	ST	FO6		1977
	1	297.5	262.0	262.0	ST	FO6		1966
	2	297.5	261.5	261.5	ST	FO6		1971
	4	62.1	52.0	61.4	GT	FO2		1974
	5	62.1	52.0	61.4	GT	FO2		1974
	6	62.1	52.0	61.4	GT	FO2		1974
Southside (Duval)	ST1	37.5	26.6	27.0	ST	FO6		1950
	ST2	37.5	28.5	31.5	ST	FO6		1950
	3	50.0	46.0	47.5	ST	FO6		1954
	4	75.0	68.0	68.0	ST	FO6	Nat Gas	1958
	5	156.6	142.0	144.0	ST	FO6	Nat Gas	1964
St Johns River Power (Duval)	1*	679.0	624.0	624.0	ST	BIT		1986
	2*	679.0	624.0	624.0	ST	BIT		1988
Key West City of								
Big Pine (Monroe)	1	2.8	2.0	2.0	IC	FO2		1969
Cudjoe (Monroe)	2	2.3	2.0	2.0	IC	FO2		1966
	3	2.8	2.0	2.0	IC	FO2		1968
Key West (Monroe)	GT1	26.6	19.0	20.0	GT	FO2		1978
	1	6.3	5.0	5.0	ST	FO6		1952
	2	6.3	5.0	5.0	ST	FO6		1952
	3	16.5	15.6	15.6	ST	FO6		1957
	4	16.8	15.6	15.6	ST	FO6		1962
	5	16.8	15.6	15.6	ST	FO6		1966
Stock Island (Monroe)	IC1	2.0	2.0	2.0	IC	FO2		1965
	IC2	2.0	2.0	2.0	IC	FO6		1965
	IC3	2.0	2.0	2.0	IC	FO2		1965
	1	37.0	34.0	33.0	ST	FO6		1972
Kissimmee Utility Authority								
Hansel (Osceola)	14	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	15	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	16	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	17	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	18	2.1	2.0	2.0	IC	Nat Gas	FO2	1970
	19	2.8	2.5	2.5	IC	FO2		1983
	20	2.8	2.5	2.5	IC	FO2		1983
	21	27.5	28.0	32.0	CT	Nat Gas	FO2	1983
	22	10.0	7.0	7.0	CW	WH		1983
	23	10.0	7.0	7.0	CW	WH		1983
	8	3.0	3.0	3.0	IC	Nat Gas	FO2	1960
	9	3.0	3.0	3.0	IC	Nat Gas	FO2	1963
Lake Worth City of								
Tom G Smith (Palm Beach)	GT1	30.8	26.0	31.0	GT	FO2		1976
	GT2	21.4	20.7	22.8	CT	Nat Gas	FO2	1978
	MU1	2.0	1.8	2.0	IC	FO2		1965
	MU2	2.0	1.8	2.0	IC	FO2		1965
	MU3	2.0	1.8	2.0	IC	FO2		1965
	MU4	2.0	1.8	1.8	IC	FO2		1965
	MU5	2.0	1.8	1.8	IC	FO2		1965
	S1	7.5	7.0	8.0	ST	Nat Gas	FO6	1960
	S3	26.5	22.0	24.0	ST	Nat Gas	FO6	1967
	S4	32.6	32.0	33.0	ST	Nat Gas	FO6	1971
	S5	10.0	8.9	8.9	CW	WH		1977
Lakeland City of								
C D McIntosh Jr (Polk)	GT1	23.1	19.6	23.1	GT	FO2		1973
	IC1	2.8	2.7	2.8	IC	FO2		1970
	IC2	2.8	2.7	2.8	IC	FO2		1970
	ST1	90.0	84.0	86.0	ST	Nat Gas	FO6	1970

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Florida								
Lakeland City of								
	ST2	126.0	111.0	118.0	ST	Nat Gas	FO6	1976
	3*	334.0	332.0	340.0	ST	BIT	FO6	1982
Larsen Memorial (Polk)	1	11.3	11.0	13.0	GT	FO2	Nat Gas	1962
	2	11.3	11.0	13.0	GT	FO2	Nat Gas	1962
	3	11.3	11.0	13.0	GT	FO2	Nat Gas	1962
	4	20.0	18.8	19.4	ST	Nat Gas	FO6	1950
	5	25.0	24.0	23.9	ST	Nat Gas	FO6	1956
	6	25.0	24.0	24.6	ST	Nat Gas	FO6	1959
	7	50.0	49.2	51.2	ST	Nat Gas	FO6	1965
New Smyrna Beach Utils Comm								
Glencoe Road (Volusia)	1	0.8	0.8	0.8	IC	FO2		1982
North Causeway (Volusia)	1	0.8	0.8	0.8	IC	FO2		1981
Smith Street (Volusia)	10	2.0	2.2	2.2	IC	FO2		1966
	11	2.0	2.2	2.2	IC	FO2		1966
	3	0.8	0.8	0.8	IC	FO2		1945
	4	1.0	1.0	1.0	IC	FO2		1949
	6	1.8	1.5	1.5	IC	FO2		1954
	7	1.8	1.8	1.8	IC	FO2		1955
	8	1.1	1.0	1.0	IC	FO2		1959
	9	2.0	2.2	2.2	IC	FO2		1966
W E Swoope (Volusia)	2	0.9	0.8	0.8	IC	Nat Gas	FO2	1981
	3	2.1	2.0	2.0	IC	Nat Gas	FO2	1982
	4	2.3	2.0	2.0	IC	Nat Gas	FO2	1962
Orlando Utilities Comm								
Indian River (Brevard)	1	86.7	88.0	90.0	ST	Nat Gas	FO6	1960
	2	207.6	201.0	205.0	ST	Nat Gas	FO6	1964
	3	344.5	349.4	350.0	ST	Nat Gas	FO6	1973
Stanton Energy (Orange)	1*	464.6	438.0	438.0	ST	FO2	FO6	1987
Sebring Utilities Comm								
Sebring Dinner (Highlands)	1	12.7	11.0	12.9	ST	Nat Gas	FO6	1965
Sebring Park Street (Highlands)	IC2	1.1	0.9	0.9	IC	FO2		1941
	IC3	1.6	1.6	1.6	IC	FO2		1957
	IC4	0.6	0.6	0.6	IC	FO2		1955
	IC6	2.0	2.0	2.0	IC	FO2		1956
	IC7	2.0	2.0	2.0	IC	FO2		1956
	IC8	2.0	2.0	2.0	IC	FO2		1957
	IC9	2.8	2.8	2.8	IC	FO2		1968
Sebring Phillips (Highlands)	CW1	3.6	3.0	3.0	CW	WH		1983
	IC1	21.4	19.5	19.5	IC	FO6	FO2	1983
	IC2	21.4	19.5	19.5	IC	FO6	FO2	1982
	IC5	0.6	0.6	0.6	IC	FO2		1955
Seminole Electric Coop Inc								
Seminole (Putnam)	1	620.0	605.0	605.0	ST	BIT		1983
	2*	620.0	605.0	605.0	ST	BIT		1984
St Cloud City of								
St Cloud (Osceola)	1	2.0	2.0	2.0	IC	Nat Gas	FO2	1982
	2	5.3	5.0	5.0	IC	Nat Gas	FO2	1974
	3	2.0	2.0	2.0	IC	Nat Gas	FO2	1982
	4	3.5	3.0	3.0	IC	Nat Gas	FO2	1961
	6	3.5	3.0	3.0	IC	Nat Gas	FO2	1967
	7	6.3	6.0	6.0	IC	Nat Gas	FO2	1982
	8	6.4	6.0	6.0	IC	Nat Gas	FO2	1977
Starke City of								
Starke (Bradford)	1	1.3	1.0	1.0	IC	Nat Gas	FO2	1983
	2	1.0	0.8	1.0	IC	Nat Gas	FO2	1956
	3	1.0	0.8	1.0	IC	Nat Gas	FO2	1956
	4	1.0	0.8	1.0	IC	Nat Gas	FO2	1956
	5	1.0	0.8	1.0	IC	Nat Gas	FO2	1956

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Florida								
Starke City of								
	6	1.8	1.8	1.8	IC	Nat Gas	FO2	1968
	7	1.0	1.0	1.0	IC	FO2		1972
Tallahassee City of								
Arvah B Hopkins (Leon)	GT1	16.3	12.0	14.0	GT	FO2	Nat Gas	1970
	GT2	27.0	22.0	24.0	GT	FO2	Nat Gas	1972
	1	75.0	75.0	76.0	ST	FO6	Nat Gas	1971
	2	259.3	238.0	242.0	ST	FO6	Nat Gas	1977
Jackson Bluff (Leon)	1	4.4	3.0	3.0	HC	Water		1985
	2	4.4	3.0	3.0	HC	Water		1985
	3	3.4	3.4	3.3	HC	Water		1986
S O Purdom (Wakulla)	GT1	15.0	11.0	12.0	GT	FO2	Nat Gas	1963
	GT2	15.0	11.0	12.0	GT	FO2	Nat Gas	1964
	1	7.5	7.5	7.5	ST	FO6		1952
	2	7.5	7.5	7.5	ST	FO6		1952
	3	7.5	7.0	7.0	ST	FO6	Nat Gas	1951
	4	7.5	7.0	7.0	ST	FO6	Nat Gas	1954
	5	25.0	21.0	24.0	ST	FO6	Nat Gas	1958
	6	25.0	21.0	24.0	ST	FO6	Nat Gas	1960
	7	50.0	42.0	48.0	ST	FO6	Nat Gas	1966
Tampa Electric Co								
Big Bend (Hillsborough)	GT1	18.0	14.0	14.0	GT	FO2		1969
	GT2	78.8	65.0	80.0	GT	FO2		1974
	GT3	78.8	65.0	80.0	GT	FO2		1974
	ST2	445.5	362.0	362.0	ST	BIT		1973
	ST3	445.5	401.0	401.0	ST	BIT		1976
	ST4	486.0	429.0	429.0	ST	BIT		1984
	1	445.5	377.0	377.0	ST	BIT		1970
F J Gannon (Hillsborough)	GT1	18.0	14.0	14.0	GT	FO2		1969
	1	125.0	108.0	108.0	ST	BIT		1957
	2	125.0	113.0	113.0	ST	BIT		1958
	3	179.5	150.0	150.0	ST	BIT		1960
	4	187.5	178.0	178.0	ST	BIT		1963
	5	239.4	217.0	217.0	ST	BIT		1965
	6	414.0	353.0	353.0	ST	BIT		1967
Hookers Point (Hillsborough)	1	33.0	32.0	32.0	ST	FO6		1948
	2	34.5	32.0	32.0	ST	FO6		1950
	3	34.5	32.0	32.0	ST	FO6		1950
	4	49.0	42.0	42.0	ST	FO6		1953
	5	81.6	68.0	68.0	ST	FO6		1955
USCE-Mobile District								
J Woodruff (Gadsden)	1	10.0	36.0[2]	36.0[2]	HC	Water		1957
	2	10.0	-[2]	-[2]	HC	Water		1957
	3	10.0	-[2]	-[2]	HC	Water		1957
Vero Beach City of								
Vero Beach Municipal (Indian River)	D1	1.2	1.2	1.2	IC	FO2		1946
	D2	0.7	0.7	0.7	IC	FO2		1936
	D4	3.2	3.2	3.2	IC	FO2		1951
	D5	2.9	2.9	2.9	IC	FO2		1952
	D6	5.4	5.4	5.4	IC	FO2		1956
	1	12.5	13.0	13.0	ST	Nat Gas	FO6	1961
	2	16.5	17.0	17.0	ST	Nat Gas	FO6	1964
	3	33.0	33.0	33.0	ST	Nat Gas	FO6	1971
	4	55.0	56.0	56.0	ST	Nat Gas	FO6	1976
Wauchula City of								
Wauchula (Hardee)	1	0.8	0.7	0.7	IC	FO2		1951
	2	0.9	0.8	0.8	IC	FO2		1955
	3	1.4	1.2	1.2	IC	FO2		1959
	4	2.0	2.0	2.0	IC	FO2		1965
	5	2.0	2.0	2.0	IC	FO2		1966

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Georgia								
Crisp County Power Comm								
Crisp (Worth)	GT1	5.0	5.0	5.2	GT	Nat Gas		1958
	1	12.5	12.5	12.5	ST	BIT	Nat Gas	1958
Warwick (Worth)	1	2.4	2.4	2.4	HC	Water		1930
	2	4.0	2.9	2.9	HC	Water		1930
	3	4.8	4.8	4.8	HC	Water		1940
	4	4.0	2.9	2.9	HC	Water		1956
Georgia Power Co								
Arkwright (Bibb)	ST1	46.0	42.2	42.2	ST	BIT		1941
	ST2	46.0	43.9	43.9	ST	BIT		1942
	3	40.3	44.5	44.5	ST	BIT		1943
	4	49.0	44.6	44.6	ST	BIT		1948
	5A	16.3	13.1	14.5	GT	FO2	Nat Gas	1969
	5B	16.3	13.1	14.5	GT	FO2	Nat Gas	1969
Atkinson (Cobb)	ST1	60.0	54.4	54.4	ST	FO2	Nat Gas	1930
	ST2	60.0	61.5	61.5	ST	FO2	Nat Gas	1941
	3	63.0	66.2	66.2	ST	FO2	Nat Gas	1945
	4	75.0	64.2	64.2	ST	FO2	Nat Gas	1948
	5A	41.9	31.3	34.8	GT	FO2	Nat Gas	1970
	5B	41.9	31.3	34.8	GT	FO2	Nat Gas	1970
Barnett Shoals (Oconee)	1	0.7	0.3	0.4	HC	Water		1910
	2	0.7	0.3	0.4	HC	Water		1910
	3	0.7	0.3	0.4	HC	Water		1910
	4	0.7	0.3	0.4	HC	Water		1910
Bartletts Ferry (Harris)	1	15.0	18.0	18.0	HC	Water		1926
	2	15.0	18.0	18.0	HC	Water		1926
	3	15.0	18.0	18.0	HC	Water		1928
	4	20.0	24.0	24.0	HC	Water		1951
	5	54.0	54.0	54.0	HC	Water		1985
	6	54.0	54.0	54.0	HC	Water		1985
Bowen (Bartow)	1	805.8	674.1	674.1	ST	BIT		1971
	2	788.8	664.6	664.6	ST	BIT		1972
	3	952.0	870.7	870.7	ST	BIT		1974
	4	952.0	873.2	873.2	ST	BIT		1975
	6	41.9	31.3	34.8	GT	FO2		1971
Burton (Rabun)	1	3.1	4.8	3.7	HC	Water		1927
	2	3.1	4.8	3.7	HC	Water		1927
Edwin I Hatch (Appling)	1*	850.0	759.9	759.9	NB	Uranium		1974
	2*	850.0	771.8	771.8	NB	Uranium		1978
Estatoah (Rabun)	1	0.2	0.2	0.3	HC	Water		1928
Flint River (Dougherty)	1	1.8	2.2	2.1	HC	Water		1921
	2	1.8	2.2	2.1	HC	Water		1921
	3	1.8	2.2	2.1	HC	Water		1925
Goat Rock (Harris)	1	3.0	3.0	3.0	HC	Water		1912
	2	3.0	3.0	3.0	HC	Water		1912
	3	5.0	5.0	5.0	HC	Water		1915
	4	5.0	5.0	5.0	HC	Water		1920
	5	5.0	5.0	5.0	HC	Water		1955
	6	5.0	5.0	5.0	HC	Water		1956
Hammond (Floyd)	1	125.0	105.7	105.7	ST	BIT		1954
	2	125.0	108.5	108.5	ST	BIT		1954
	3	125.0	104.7	104.7	ST	BIT		1955
	4	578.0	476.0	476.0	ST	BIT		1970
Harllee Branch (Putnam)	1	299.2	249.6	249.6	ST	BIT		1965
	2	359.0	309.3	309.3	ST	BIT		1967
	3	544.0	471.9	471.9	ST	BIT		1968
	4	544.0	474.3	474.3	ST	BIT		1969
Jack McDonough (Cobb)	1	299.2	250.9	250.9	ST	BIT		1963
	2	299.2	252.6	252.6	ST	BIT		1964
	3A	41.9	31.3	34.8	GT	FO2	Nat Gas	1971
	3B	41.9	31.3	34.8	GT	FO2	Nat Gas	1971
Langdale (Harris)	5	0.5	0.5	0.5	HC	Water		1924
	6	0.5	0.5	0.5	HC	Water		1926
Lloyd Shoals (Jasper)	1	2.4	3.5	3.0	HC	Water		1911
	2	2.4	3.5	3.0	HC	Water		1911
	3	2.4	3.5	3.0	HC	Water		1911

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Georgia								
Georgia Power Co								
	4	2.4	3.5	3.0	HC	Water		1911
	5	2.4	3.5	3.0	HC	Water		1916
	6	2.4	3.5	3.0	HC	Water		1917
McManus (Glynn)	IC1	2.0	1.8	2.0	IC	FO2		1964
	1	50.0	42.2	42.2	ST	FO6		1952
	2	93.8	73.4	73.4	ST	FO6		1959
	3A	55.4	41.6	46.3	GT	FO2		1971
	3B	55.4	41.6	46.3	GT	FO2		1971
	3C	55.4	41.6	46.3	GT	FO2		1971
	4A	55.4	42.6	47.3	GT	FO2		1972
	4B	55.4	42.6	47.3	GT	FO2		1972
	4C	55.4	42.6	47.3	GT	FO2		1972
	4D	55.4	42.6	47.3	GT	FO2		1972
	4E	55.4	42.6	47.3	GT	FO2		1972
	4F	55.4	42.6	47.3	GT	FO2		1972
Mitchell (Dougherty)	1	27.6	19.6	19.6	ST	BIT		1948
	2	27.6	19.2	19.2	ST	BIT		1949
	3	163.2	160.1	160.1	ST	BIT		1964
	4A	41.9	31.4	34.8	GT	FO2		1971
	4B	41.9	31.3	34.8	GT	FO2		1971
	4C	41.9	31.3	34.8	GT	FO2		1971
Morgan Falls (Fulton)	1	2.4	2.0	2.0	HC	Water		1903
	2	2.4	2.0	2.0	HC	Water		1903
	3	2.4	2.0	2.0	HC	Water		1903
	4	2.4	2.0	2.0	HC	Water		1903
	5	2.4	2.0	2.0	HC	Water		1903
	6	2.4	2.0	2.0	HC	Water		1903
	7	2.4	2.0	2.0	HC	Water		1903
Nacoochee (Rabun)	1	2.4	3.0	3.0	HC	Water		1926
	2	2.4	3.0	3.0	HC	Water		1926
North Highlands (Muscogee)	1	9.2	11.0	11.0	HC	Water		1963
	2	9.2	11.0	11.0	HC	Water		1963
	3	9.2	11.0	11.0	HC	Water		1963
	4	2.0	3.0	3.0	HC	Water		1963
Oliver Dam (Muscogee)	1	18.0	17.0	17.0	HC	Water		1959
	2	18.0	17.0	17.0	HC	Water		1959
	3	18.0	17.0	17.0	HC	Water		1959
	4	6.0	6.0	6.0	HC	Water		1959
Riverview (Harris)	1	0.2	0.2	0.2	HC	Water		1918
	2	0.2	0.2	0.2	HC	Water		1918
Scherer (Monroe)	1*	891.0	845.2	845.2	ST	BIT		1981
	2*	891.0	840.0	840.0	ST	BIT		1983
	3*	891.0	848.7	848.7	ST	BIT		1986
	4	818.0	755.0	770.3	ST	BIT		1988
Sinclair Dam (Baldwin)	1	22.5	22.5	22.5	HC	Water		1953
	2	22.5	22.5	22.5	HC	Water		1953
Tallulah Falls (Habersham)	1	12.0	12.2	12.2	HC	Water		1913
	2	12.0	12.2	12.2	HC	Water		1913
	3	12.0	12.2	12.2	HC	Water		1914
	4	12.0	12.2	12.2	HC	Water		1913
	5	12.0	12.2	12.2	HC	Water		1913
	6	12.0	12.2	12.2	HC	Water		1920
Terrora (Rabun)	1	8.0	8.3	8.3	HC	Water		1925
	2	8.0	8.3	8.3	HC	Water		1925
Tugalo (Habersham)	1	11.3	13.4	13.4	HC	Water		1923
	2	11.3	13.4	13.4	HC	Water		1923
	3	11.3	13.4	13.4	HC	Water		1924
	4	11.3	13.4	13.4	HC	Water		1924
Vogtle (Burke)	1*	1215.0	1085.5	1085.5	NP	Uranium		1987
Wallace Dam (Hancock)	1	53.0	56.0	56.0	HR	Water		1980
	2	53.0	56.0	56.0	HR	Water		1980
	3	57.0	59.0	59.0	HC	Water		1980
	4	57.0	59.0	59.0	HC	Water		1980
	5	53.0	56.0	56.0	HR	Water		1979
	6	53.0	56.0	56.0	HR	Water		1979
Wansley (Heard)	1*	952.0	849.0	849.0	ST	BIT		1976

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Georgia								
Georgia Power Co								
	2*	952.0	848.7	848.7	ST	BIT		1978
	5A*	52.8	42.6	47.3	GT	FO2		1980
Wilson (Burke)	IC1	2.6	2.7	3.0	IC	FO2		1972
	5A	53.1	43.6	48.4	GT	FO2		1972
	5B	53.1	43.6	43.6	GT	FO2		1972
	5C	53.1	43.6	43.4	GT	FO2		1973
	5D	53.1	43.6	48.4	GT	FO2		1973
	5E	53.1	43.6	48.4	GT	FO2		1973
	5F	53.1	43.6	48.4	GT	FO2		1973
Yates (Coweta)	1	122.5	99.9	99.9	ST	BIT		1950
	2	122.5	99.1	99.1	ST	BIT		1950
	3	122.5	100.1	100.1	ST	BIT		1952
	4	156.3	125.1	125.1	ST	BIT		1957
	5	156.3	126.9	126.9	ST	BIT		1958
	6	403.8	341.5	341.5	ST	BIT		1974
	7	403.8	340.8	340.8	ST	BIT		1974
Yonah (Stephens)	1	7.5	9.6	9.6	HC	Water		1925
	2	7.5	9.6	9.6	HC	Water		1925
	3	7.5	9.6	9.6	HC	Water		1925
Savannah Electric & Power Co								
Boulevard (Chatham)	1	15.6	15.4	17.5	GT	FO2	Nat Gas	1970
	2	15.6	15.4	17.5	GT	FO2	Nat Gas	1970
	3	15.6	15.4	17.5	GT	FO2	Nat Gas	1970
McIntosh (Effingham)	1	177.7	159.0	159.0	ST	BIT	FO6	1979
Port Wentworth (Chatham)	PWA	18.6	16.2	19.3	GT	FO2	Nat Gas	1969
	ST1	50.0	47.1	47.1	ST	BIT	Nat Gas	1958
	2	54.4	51.1	51.1	ST	BIT	Nat Gas	1961
	3	103.5	97.6	97.6	ST	BIT	Nat Gas	1965
	4	126.0	110.7	110.7	ST	FO6	Nat Gas	1972
Riverside (Chatham)	6	21.1	16.9	16.9	ST	Nat Gas	FO6	1949
	7	21.3	19.1	19.1	ST	Nat Gas	FO6	1954
	8	37.5	35.7	35.7	ST	Nat Gas	FO6	1956
South Carolina Electric&Gas Co								
Stevens Creek (Columbia)	1	2.4	1.1	1.1	HC	Water		1914
	2	2.4	1.1	1.1	HC	Water		1914
	3	2.4	1.1	1.1	HC	Water		1914
	4	2.4	1.1	1.1	HC	Water		1914
	5	2.4	1.1	1.1	HC	Water		1914
	6	2.4	1.1	1.1	HC	Water		1925
	7	2.4	1.1	1.1	HC	Water		1926
	8	2.4	1.1	1.1	HC	Water		1926
Tennessee Valley Authority								
Blue Ridge (Fannin)	1	20.0	10.0	2.0	HC	Water		1931
USCE-Mobile District								
Allatoona (Bartow)	A	2.0	2.0	2.0	HC	Water		1949
	1	36.0	36.0	41.0	HC	Water		1949
	2	36.0	36.0	41.0	HC	Water		1949
Buford (Forsyth)	1	40.0	40.0	46.0	HC	Water		1957
	2	40.0	40.0	46.0	HC	Water		1957
	3	6.0	6.0	6.0	HC	Water		1957
Carters (Murray)	1	125.0	137.0	143.0	HC	Water		1975
	2	125.0	137.0	143.0	HC	Water		1975
	3	125.0	138.0	138.0	HR	Water		1977
	4	125.0	138.0	138.0	HR	Water		1977
Walter F George (Clay)	1	32.5	32.5	32.5	HC	Water		1963
	2	32.5	32.5	32.5	HC	Water		1963
	3	32.5	32.5	32.5	HC	Water		1963
	4	32.5	32.5	32.5	HC	Water		1963
West Point (Troup)	1	3.4	3.0	3.0	HC	Water		1975
	2	35.0	41.0	41.0	HC	Water		1975
	3	35.0	41.0	41.0	HC	Water		1975

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Georgia								
USCE-Savannah District								
Hartwell Lake (Hart)	1	66.0	239.0[2]	208.0[2]	HC	Water		1962
	2	66.0	-[2]	-[2]	HC	Water		1962
	3	66.0	-[2]	-[2]	HC	Water		1962
	4	66.0	-[2]	-[2]	HC	Water		1962
	5	80.0	-[2]	-[2]	HC	Water		1983
Richard Russell (Elbert)	1	75.0	86.3	86.3	HC	Water		1984
	2	75.0	86.3	86.3	HC	Water		1985
	3	75.0	86.3	86.3	HC	Water		1985
	4	75.0	86.3	86.3	HC	Water		1985
Hawaii								
Citizens Utilities Co								
Port Allen (Kauai)	GT1	17.6	17.6	17.6	CT	FO2		1973
	GT2	22.2	21.0	21.0	GT	FO2		1977
	IC1	2.0	2.0	2.0	IC	FO2		1964
	IC2	2.0	2.0	2.0	IC	FO2		1964
	ST1	10.0	10.0	10.0	ST	FO6		1968
	3	2.8	2.8	2.8	IC	FO2		1968
	4	2.8	2.8	2.8	IC	FO2		1968
	5	2.8	2.8	2.8	IC	FO2		1968
Hawaii Electric Light Co Inc								
Kanoelehua (Hawaii)	1	11.7	10.6	10.6	GT	FO2		1962
	11	2.0	2.0	2.0	IC	FO2		1962
	15	2.5	2.8	2.8	IC	FO2		1972
	16	2.5	2.8	2.8	IC	FO2		1972
	17	2.5	2.8	2.8	IC	FO2		1973
Keahole (Hawaii)	18	2.5	2.8	2.8	IC	FO2		1974
	19	2.5	2.8	2.8	IC	FO2		1974
	20	2.5	2.8	2.8	IC	FO2		1964
	21	2.5	2.8	2.8	IC	FO2		1984
	22	2.5	2.8	2.8	IC	FO2		1984
	23	2.5	2.3	2.6	IC	FO2		1988
Pohoiki (Hawaii)	1	3.0	2.4	2.4	GE	GST		1984
Puna (Hawaii)	1	15.5	14.0	14.0	ST	FO6		1988
Puueo (Hawaii)	1	0.8	0.8	0.8	HC	Water		1918
	2	1.5	1.5	1.5	HC	Water		1941
Shipman (Hawaii)	1	3.5	3.4	3.4	ST	FO6		1943
	3	7.5	7.5	7.5	ST	FO6		1955
	4	7.5	7.7	7.7	ST	FO6		1958
W H Hill (Hawaii)	5	14.1	14.1	14.1	ST	FO6		1965
	6	23.0	23.0	23.0	ST	FO6		1974
Waiau (Hawaii)	1	0.8	0.8	0.8	HC	Water		1921
	2	0.4	0.4	0.4	HC	Water		1928
Waimea (Hawaii)	10	1.0	1.0	1.0	IC	FO2		1954
	12	2.5	2.8	2.8	IC	FO2		1970
	13	2.5	2.8	2.8	IC	FO2		1972
	14	2.5	2.8	2.8	IC	FO2		1972
	8	1.0	0.8	0.8	IC	FO2		1954
	9	1.0	0.9	0.9	IC	FO2		1954
Hawaiian Electric Co Inc								
Honolulu (Honolulu)	H8	50.0	47.0	47.0	ST	FO6		1954
	H9	54.4	51.7	51.7	ST	FO6		1957
Kahe (Honolulu)	K1	81.6	77.9	77.9	ST	FO6		1963
	K2	81.6	78.1	78.1	ST	FO6		1964
	K3	85.9	82.2	82.2	ST	FO6		1970
	K4	90.9	87.2	87.2	ST	FO6		1972
	K5	135.0	128.2	128.2	ST	FO6		1974
	K6	135.0	127.4	127.4	ST	FO6		1980
Waiau (Honolulu)	W10	51.3	51.2	51.2	GT	FO2		1973
	W3	50.0	47.2	47.2	ST	FO6		1947
	W4	50.0	47.8	47.8	ST	FO6		1950
	W5	54.4	51.9	51.9	ST	FO6		1959
	W6	54.4	51.8	51.8	ST	FO6		1961

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Hawaii								
Hawaiian Electric Co Inc								
	W7	81.6	77.8	77.8	ST	FO6		1966
	W8	81.6	77.8	77.8	ST	FO6		1968
	W9	51.3	51.2	51.2	GT	FO2		1973
Maui Electric Co Ltd								
Kahului (Maui)	1	5.0	5.9	5.9	ST	FO6		1948
	2	5.0	6.0	6.0	ST	FO6		1949
	3	11.5	12.7	12.7	ST	FO6		1954
	4	12.5	13.0	13.0	ST	FO6		1966
Maalaea (Maui)	X1	2.5	2.5	2.5	IC	FO2		1987
	X2	2.5	2.5	2.5	IC	FO2		1987
	1	2.5	2.5	2.5	IC	FO2		1971
	10	12.5	12.5	12.5	IC	FO2		1979
	11	12.5	12.5	12.5	IC	FO2		1980
	12	12.5	12.5	12.5	IC	FO2		1988
	2	2.5	2.5	2.5	IC	FO2		1972
	3	2.5	2.5	2.5	IC	FO2		1972
	4	5.6	5.6	5.6	IC	FO2		1973
	5	5.6	5.6	5.6	IC	FO2		1973
	6	5.6	5.6	5.6	IC	FO2		1975
	7	5.6	5.6	5.6	IC	FO2		1975
	8	5.6	5.6	5.6	IC	FO2		1977
	9	5.6	5.6	5.6	IC	FO2		1978
Molokai Electric Co Ltd								
Cooke Gen Station (Maui)	CAT1	1.3	1.2	1.3	IC	FO2		1985
	CAT2	1.3	1.2	1.3	IC	FO2		1985
	CUM3	0.9	0.9	0.9	IC	FO2		1985
	CUM4	0.9	0.9	0.9	IC	FO2		1985
	CUM5	0.9	0.9	0.9	IC	FO2		1985
	15	2.5	2.0	2.2	GT	FO2		1982
	16	4.0	4.0	4.0	ST	WD		1981
Idaho								
Bonners Ferry City of								
Bonners Ferry (Boundary)	1	0.2	0.2	0.2	IC	FO2		1926
	2	1.1	1.1	1.1	IC	FO2		1973
	3	1.1	1.1	1.1	IC	FO2		1973
Moyie Springs (Boundary)	1	1.0	1.1	1.1	HC	Water		1941
	2	0.5	0.5	0.5	HC	Water		1921
	3	1.0	1.1	1.1	HC	Water		1950
	4	1.5	1.8	1.8	HC	Water		1981
Bureau of Reclamation								
Anderson Ranch (Elmore)	1	20.0	40.0[2]	18.0[2]	HC	Water		1983
	2	20.0	-[2]	-[2]	HC	Water		1983
Black Canyon (Gem)	1	4.0	10.0[2]	10.0[2]	HC	Water		1925
	2	4.0	-[2]	-[2]	HC	Water		1925
Boise River Div (Ada)	1	0.5	2.0[2]	2.0[2]	HC	Water		1912
	2	0.5	-[2]	-[2]	HC	Water		1912
	3	0.5	-[2]	-[2]	HC	Water		1912
Minidoka (Minidoka)	1	1.2	15.6[2]	12.0[2]	HC	Water		1909
	2	1.2	-[2]	-[2]	HC	Water		1910
	3	1.2	-[2]	-[2]	HC	Water		1910
	4	1.2	-[2]	-[2]	HC	Water		1911
	5	1.2	-[2]	-[2]	HC	Water		1911
	6	2.6	-[2]	-[2]	HC	Water		1927
	7	5.0	-[2]	-[2]	HC	Water		1942
Palisades (Bonneville)	1	30.9	135.0[2]	49.0[2]	HC	Water		1957
	2	32.8	-[2]	-[2]	HC	Water		1957
	3	32.8	-[2]	-[2]	HC	Water		1957
	4	38.9	-[2]	-[2]	HC	Water		1958

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Idaho								
Fall River Rural Elec Coop Inc								
Felt (Teton)	4	0.6	0.6	0.6	HC	Water		1946
	5	0.7	0.7	0.6	HC	Water		1947
New Felt (Teton)	HC1*	2.8	5.5[2]	5.5[2]	HC	Water		1985
	HC2*	2.8	-[2]	-[2]	HC	Water		1985
Idaho Falls City of								
City Power Plant (Bonneville)	3	8.0	8.0	8.0	HC	Water		1982
Gem State (Bonneville)	1	23.4	23.4	23.4	HC	Water		1988
Lower No 1 (Bonneville)	2	8.0	8.0	8.0	HC	Water		1982
Lower No 2 (Bonneville)	1	3.0	3.0	3.0	HC	Water		1940
Upper Power Plant (Bonneville)	4	8.0	8.0	8.0	HC	Water		1982
Idaho Power Co								
American Falls (Power)	1	30.8	28.6	31.6	HC	Water		1978
	2	30.8	28.6	31.6	HC	Water		1978
	3	30.8	28.6	31.6	HC	Water		1978
Bliss (Gooding)	1	25.0	25.0	25.0	HC	Water		1949
	2	25.0	25.0	25.0	HC	Water		1949
	3	25.0	25.0	25.0	HC	Water		1950
Brownlee (Washington)	1	90.1	112.5	100.0	HC	Water		1958
	2	90.1	112.5	100.0	HC	Water		1958
	3	90.1	112.5	100.0	HC	Water		1958
	4	90.1	112.5	100.0	HC	Water		1958
	5	225.0	225.0	225.0	HC	Water		1980
C J Strike (Owyhee)	1	27.6	29.3	29.3	HC	Water		1952
	2	27.6	29.3	29.3	HC	Water		1952
	3	27.6	29.3	29.3	HC	Water		1952
Cascade (Valley)	1	6.2	5.0	2.4	HC	Water		1984
	2	6.2	5.0	2.4	HC	Water		1983
Clear Lake (Gooding)	1	2.5	1.9	2.1	HC	Water		1937
Lower Malad (Gooding)	1	13.5	11.0	13.3	HC	Water		1948
Lower Salmon (Gooding)	1	15.0	17.0	17.0	HC	Water		1949
	2	15.0	17.0	17.0	HC	Water		1949
	3	15.0	17.0	17.0	HC	Water		1949
	4	15.0	17.0	17.0	HC	Water		1949
Salmon (Lemhi)	1	2.5	2.8	2.8	IC	FO2		1967
	2	2.5	2.8	2.8	IC	FO2		1967
Shoshone Falls (Jerome)	1	0.6	0.6	0.6	HC	Water		1909
	2	0.4	0.4	0.4	HC	Water		1907
	3	11.5	11.5	11.5	HC	Water		1921
Swan Falls (Ada)	1	1.3	1.0	1.4	HC	Water		1910
	10	0.8	0.6	0.9	HC	Water		1918
	2	1.3	1.0	1.4	HC	Water		1910
	3	1.0	0.7	0.7	HC	Water		1913
	4	1.0	0.7	0.7	HC	Water		1913
	5	1.3	0.9	1.3	HC	Water		1918
	6	1.3	0.9	1.3	HC	Water		1918
	7	0.8	0.6	0.9	HC	Water		1918
	8	0.8	0.6	0.9	HC	Water		1918
	9	0.8	0.6	0.9	HC	Water		1918
Thousand Springs (Gooding)	1	1.0	0.8	0.8	HC	Water		1912
	2	1.0	0.8	0.8	HC	Water		1912
	3	6.8	4.5	5.5	HC	Water		1920
Twin Falls (Twin Falls)	1	8.4	9.8	9.8	HC	Water		1935
Upper Malad (Gooding)	1	7.2	7.2	7.3	HC	Water		1948
Upper Salmon Falls A (Twin Falls)	1	9.0	8.4	9.7	HC	Water		1937
	2	9.0	8.4	9.7	HC	Water		1937
Upper Salmon Falls B (Twin Falls)	1	8.3	7.7	8.9	HC	Water		1947
	2	8.3	7.7	8.9	HC	Water		1947
Wood River (Blaine)	1	50.0	50.0	50.0	GT	Nat Gas	FO2	1974
Soda Springs City of								
Soda Springs No 1 (Caribou)	4	0.3	0.3	0.3	HC	Water		1954
Soda Springs No 2 (Caribou)	1	0.4	0.4	0.4	HC	Water		1988

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Idaho								
Utah Power & Light Co								
Ashton (Fremont)	1	1.9	1.5	1.5	HC	Water		1917
	2	2.0	2.2	2.2	HC	Water		1925
	3	2.0	2.2	2.2	HC	Water		1925
Cove (Caribou)	1	7.5	7.0	7.0	HC	Water		1917
Grace (Caribou)	3	11.0	11.0	11.0	HC	Water		1914
	4	11.0	11.0	11.0	HC	Water		1914
	5	16.2	11.0	11.0	HC	Water		1923
Last Chance (Caribou)	1	0.2	0.2	0.2	HC	Water		1983
	2	0.5	0.4	0.4	HC	Water		1983
	3	1.0	0.8	0.8	HC	Water		1983
Oneida (Franklin)	1	14.5	9.3	9.3	HC	Water		1915
	2	10.0	9.3	9.3	HC	Water		1916
	3	14.5	9.3	9.3	HC	Water		1920
Paris (Bear Lake)	1	0.7	0.2	0.2	HC	Water		1910
Soda (Caribou)	1	7.0	3.5	3.5	HC	Water		1924
	2	7.7	3.5	3.5	HC	Water		1924
St Anthony (Fremont)	1	0.5	0.4	0.4	HC	Water		1915
USCE-Portland District								
Albeni Falls (Bonner)	1	14.0	40.0[2]	17.0[2]	HC	Water		1955
	2	14.0	-[2]	-[2]	HC	Water		1955
	3	14.0	-[2]	-[2]	HC	Water		1955
Dworshak (Clearwater)	1	90.0	460.0[2]	460.0[2]	HC	Water		1975
	2	90.0	-[2]	-[2]	HC	Water		1975
	3	220.0	-[2]	-[2]	HC	Water		1974
Washington Water Power Co								
Cabinet Gorge (Bonner)	1	50.0	57.5	57.5	HC	Water		1953
	2	50.0	57.5	57.5	HC	Water		1953
	3	50.0	57.5	57.5	HC	Water		1952
	4	50.0	57.5	57.5	HC	Water		1952
Post Falls (Kootenai)	1	2.3	2.9	2.9	HC	Water		1907
	2	2.3	2.9	2.9	HC	Water		1906
	3	2.3	2.9	2.9	HC	Water		1906
	4	2.3	2.9	2.9	HC	Water		1906
	5	2.3	2.9	2.9	HC	Water		1908
	6	3.5	3.5	3.5	HC	Water		1980

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Illinois								
Breese City of								
Breese (Clinton)	IC1	0.9	0.9	0.9	IC	FO2		1953
	IC2	3.0	3.0	3.0	IC	FO2	Nat Gas	1968
	ST1	0.8	0.8	0.8	ST	FO2	BIT	1948
	ST2	2.0	2.0	2.0	ST	FO2	BIT	1960
	3	3.0	3.0	3.0	IC	FO2	Nat Gas	1982
Bushnell City of								
Bushnell (McDonough)	1	0.2	0.2	0.2	IC	FO2		1940
	2	0.2	0.2	0.2	IC	FO2		1940
	3	2.0	2.0	2.0	IC	Nat Gas	FO2	1965
	4	2.0	2.0	2.0	IC	Nat Gas	FO2	1965
	7	1.0	1.0	1.0	IC	FO2		1956
Carlyle City of								
Carlyle (Clinton)	4	0.3	0.4	0.4	IC	FO2		1959
	5	0.3	0.4	0.4	IC	FO2		1959
	6	0.3	0.4	0.4	IC	FO2		1959
	7	2.0	2.0	2.0	IC	FO2	Nat Gas	1964
	8	3.0	3.0	3.0	IC	FO2	Nat Gas	1971
Carmi City of								
Carmi (White)	10	1.8	1.4	1.4	IC	Nat Gas	FO2	1958
	11	2.8	2.4	2.4	IC	Nat Gas	FO2	1963
	12	2.1	1.9	1.9	IC	Nat Gas	FO2	1967
	13	4.4	3.8	3.8	IC	Nat Gas	FO2	1973
	5	0.7	0.5	0.5	IC	Nat Gas	FO2	1945
	6	0.7	0.5	0.5	IC	FO2		1939
	7	1.1	0.8	0.8	IC	FO2		1948
	8	1.4	1.1	1.1	IC	Nat Gas	FO2	1951
	9	1.8	1.4	1.4	IC	Nat Gas	FO2	1958
Central Illinois Lignt Co								
Duck Creek (Fulton)	1	441.0	366.0	366.0	ST	BIT		1976
E D Edwards (Peoria)	1	136.0	117.0	117.0	ST	BIT		1960
	2	280.0	262.0	262.0	ST	BIT		1968
	3	363.8	361.0	361.0	ST	BIT		1972
Sterling Avenue (Peoria)	1	18.0	15.0	16.0	GT	Nat Gas		1967
	2	18.0	15.0	16.0	GT	Nat Gas		1967
Central Illinois Pub Serv Co								
Coffeen (Montgomery)	1	389.0	325.0	325.0	ST	BIT		1965
	2	616.5	555.0	555.0	ST	BIT		1972
Grand Tower (Jackson)	3	85.7	82.0	82.0	ST	BIT		1951
	4	113.6	102.0	102.0	ST	BIT		1958
Hutsonville (Crawford)	D1	3.0	3.0	3.0	IC	FO2		1968
	3	75.0	74.0	77.0	ST	BIT		1953
	4	75.0	77.0	79.0	ST	BIT		1954
Meredosia (Morgan)	1	57.5	62.0	64.0	ST	BIT		1948
	2	57.5	62.0	64.0	ST	BIT		1943
	3	239.4	184.0	184.0	ST	BIT		1960
	4	209.7	176.0	182.0	ST	FO6		1975
Newton (Jasper)	1	617.4	555.0	554.0	ST	BIT		1977
	2	617.4	560.0	560.0	ST	BIT		1962
Commonwealth Edison Co								
Bloom (Cook)	333	19.0	11.2	12.1	GT	FO2		1971
	334	19.0	12.8	15.8	GT	FO2		1971
	341	19.0	16.1	19.2	GT	FO2		1971
	342	19.0	13.5	16.6	GT	FO2		1971
	344	19.0	13.2	16.6	GT	FO2		1971
Braidwood (Will)	1	1224.9	1090.0	1120.0	NP	Uranium		1987
	2	1224.9	1090.0	1120.0	NP	Uranium		1988
Byron (Ogle)	1	1224.9	1120.0	1120.0	NP	Uranium		1985
	2	1224.9	1120.0	1120.0	NP	Uranium		1987
Calumat (Cook)	311	18.4	14.7	17.9	GT	FO2	Nat Gas	1969
	313	18.4	12.3	15.9	GT	FO2	Nat Gas	1969
	314	18.4	14.8	18.4	GT	FO2	Nat Gas	1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Illinois								
Commonwealth Edison Co								
	321	18.4	14.1	17.4	GT	FO2	Nat Gas	1969
	331	18.4	15.1	18.4	GT	FO2	Nat Gas	1969
	332	18.4	13.0	17.3	GT	FO2	Nat Gas	1969
	333	18.4	13.6	17.2	GT	FO2	Nat Gas	1969
	341	19.0	14.0	17.2	GT	FO2	Nat Gas	1970
	342	19.0	13.6	16.8	GT	FO2	Nat Gas	1970
	343	19.0	8.3	11.5	GT	FO2	Nat Gas	1970
	344	19.0	15.0	18.4	GT	FO2	Nat Gas	1970
Collins (Grundy)	1	545.0	554.0	554.0	ST	FO6		1978
	2	545.0	554.0	554.0	ST	FO6		1977
	3	518.9	530.0	530.0	ST	FO6		1977
	4	520.7	530.0	530.0	ST	FO6		1978
	5	520.7	530.0	530.0	ST	FO6		1979
Crawford (Cook)	311	17.3	13.3	16.5	GT	Nat Gas	FO2	1968
	312	17.3	10.9	14.6	GT	Nat Gas	FO2	1968
	313	17.3	14.5	18.2	GT	Nat Gas	FO2	1968
	314	17.3	14.2	17.6	GT	Nat Gas	FO2	1968
	321	17.3	13.7	17.0	GT	Nat Gas	FO2	1968
	322	17.3	11.8	15.1	GT	Nat Gas	FO2	1968
	323	17.3	11.9	15.2	GT	Nat Gas	FO2	1968
	324	17.3	10.8	14.4	GT	Nat Gas	FO2	1968
	331	17.3	10.9	14.4	GT	Nat Gas	FO2	1968
	332	17.3	10.0	13.1	GT	Nat Gas	FO2	1968
	333	17.3	13.5	16.4	GT	Nat Gas	FO2	1968
	334	17.3	13.3	16.4	GT	Nat Gas	FO2	1968
	7	239.4	213.0	216.0	ST	SUB	Nat Gas	1958
	8	358.2	319.0	326.0	ST	SUB	Nat Gas	1961
Dixon (Lee)	HY1	0.6	0.6	0.6	HC	Water		1925
	HY2	0.6	0.6	0.6	HC	Water		1925
	HY3	0.6	0.6	0.6	HC	Water		1925
	HY4	0.6	0.6	0.6	HC	Water		1925
	HY5	0.6	0.6	0.6	HC	Water		1925
Dresden (Grundy)	2	828.3	772.0	794.0	NB	Uranium		1970
	3	828.3	773.0	794.0	NB	Uranium		1971
Electric Junction (Kane)	311	19.0	14.6	17.9	GT	FO2	Nat Gas	1970
	312	19.0	13.1	16.4	GT	FO2	Nat Gas	1970
	313	19.0	14.4	17.7	GT	FO2	Nat Gas	1970
	314	19.0	14.9	18.2	GT	FO2	Nat Gas	1970
	321	19.0	14.3	17.6	GT	FO2	Nat Gas	1970
	322	19.0	15.5	18.5	GT	FO2	Nat Gas	1970
	323	19.0	7.3	10.0	GT	FO2	Nat Gas	1970
	324	19.0	8.7	11.7	GT	FO2	Nat Gas	1970
	331	19.0	15.6	18.6	GT	FO2	Nat Gas	1970
	332	19.0	15.3	18.3	GT	FO2	Nat Gas	1970
	333	19.0	9.7	12.7	GT	FO2	Nat Gas	1970
	343	19.0	10.4	13.2	GT	FO2	Nat Gas	1971
Fisk (Cook)	19	374.1	316.0	321.0	ST	SUB	Nat Gas	1959
	201	2.0	2.2	2.2	IC	FO2		1966
	202	2.0	2.2	2.2	IC	FO2		1966
	203	2.0	2.2	2.2	IC	FO2		1966
	204	2.0	2.2	2.2	IC	FO2		1966
	205	2.0	2.2	2.2	IC	FO2		1966
	311	38.0	20.0	29.3	JE	FO2		1968
	312	38.0	19.0	28.3	JE	FO2		1968
	321	38.0	18.0	27.3	JE	FO2		1968
	322	38.0	20.0	29.3	JE	FO2		1968
	331	38.0	20.0	29.3	JE	FO2		1968
	332	38.0	20.0	29.3	JE	FO2		1968
Joliet 29 (Will)	7	660.0	499.0	503.0	ST	SUB		1965
	8	660.0	518.0	522.0	ST	SUB		1966
Joliet 9 (Will)	IC1	2.0	2.2	2.2	IC	FO2		1967
	IC2	2.0	2.2	2.2	IC	FO2		1967
	IC3	2.0	2.2	2.2	IC	FO2		1967
	IC4	2.0	2.2	2.2	IC	FO2		1967
	IC5	2.0	2.2	2.2	IC	FO2		1967
	311	18.4	14.1	17.7	GT	FO2	Nat Gas	1969
	312	18.4	15.5	18.9	GT	FO2	Nat Gas	1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Illinois								
Commonwealth Edison Co								
	313	18.4	8.1	11.5	GT	FO2	Nat Gas	1969
	314	18.4	12.0	15.4	GT	FO2	Nat Gas	1969
	321	18.4	15.2	18.6	GT	FO2	Nat Gas	1969
	322	18.4	12.8	16.4	GT	FO2	Nat Gas	1969
	323	18.4	11.0	14.4	GT	FO2	Nat Gas	1969
	324	18.4	14.2	17.7	GT	FO2	Nat Gas	1969
	6	360.4	292.0	302.0	ST	SUB		1959
Kincaid (Christian)	1	659.7	554.0	554.0	ST	BIT		1967
	2	659.7	554.0	554.0	ST	BIT		1968
La Salle (La Salle)	1	1170.3	1048.0	1078.0	NB	Uranium		1982
	2	1170.3	1048.0	1078.0	NB	Uranium		1984
Lombard (Du Page)	311	22.2	18.6	23.2	GT	FO2	Nat Gas	1969
	321	22.2	17.4	22.0	GT	FO2	Nat Gas	1969
	322	22.2	17.8	22.4	GT	FO2	Nat Gas	1969
	331	22.2	18.5	23.1	GT	FO2	Nat Gas	1969
Powerton (Tazewell)	5	892.8	700.0	700.0	ST	SUB		1972
	6	892.8	700.0	700.0	ST	SUB		1975
Quad Cities (Rock Island)	1*	828.3	769.0	789.0	NB	Uranium		1972
	2*	828.3	769.0	789.0	NB	Uranium		1972
Sabrooke (Winnebago)	311	18.4	14.1	17.4	GT	FO2		1969
	312	18.4	13.0	16.3	GT	FO2		1969
	321	18.4	13.9	17.1	GT	FO2		1969
	322	18.4	15.8	19.1	GT	FO2		1969
	331	19.0	14.0	17.3	CT	FO2		1970
	332	19.0	13.5	16.9	GT	FO2		1970
	341	19.0	10.6	14.0	GT	FO2		1970
Waukegan (Lake)	311	38.0	24.6	33.9	JE	FO2		1968
	312	38.0	29.9	39.2	JE	FO2		1968
	321	38.0	28.8	38.1	JE	FO2		1968
	322	38.0	29.9	39.2	JE	FO2		1968
	6	121.0	100.0	100.0	ST	SUB	Nat Gas	1951
	7	326.4	328.0	328.0	ST	SUB	Nat Gas	1958
	8	355.3	297.0	297.0	ST	SUB	Nat Gas	1962
Will County (Will)	1	187.5	151.0	156.0	ST	SUB		1955
	2	183.8	148.0	154.0	ST	SUB		1955
	3	299.2	251.0	262.0	ST	SUB		1957
	4	598.4	510.0	520.0	ST	SUB		1963
Zion (Lake)	1	1098.0	1040.0	1040.0	NP	Uranium		1973
	2	1098.0	1040.0	1040.0	NP	Uranium		1973
Electric Energy Inc								
Joppa Steam (Massac)	1*	183.4	1014.0[2]	1014.0[2]	ST	BIT		1953
	2*	183.4	-[2]	-[2]	ST	BIT		1953
	3*	183.4	-[2]	-[2]	ST	BIT		1954
	4*	183.4	-[2]	-[2]	ST	BIT		1954
	5*	183.4	-[2]	-[2]	ST	BIT		1955
	6*	183.4	-[2]	-[2]	ST	BIT		1955
Fairfield City of								
Fairfield (Wayne)	IC5	2.4	2.4	2.4	IC	Nat Gas	FO2	1967
	IC6	2.4	2.4	2.4	IC	Nat Gas	FO2	1967
	IC7	2.7	2.7	2.7	IC	FO2		1979
	4	5.0	4.5	4.5	ST	FO2		1980
Farmer City City of								
Farmer City (De Witt)	1	1.5	1.4	1.4	IC	Nat Gas	FO2	1967
	2	1.1	0.9	0.9	IC	FO2		1963
	4	0.9	0.7	0.7	IC	FO2		1951
	5	3.5	3.2	3.2	IC	Nat Gas	FO2	1974
Freeburg Village of								
Freeburg (St Clair)	IC6	2.6	2.6	2.6	IC	Nat Gas		1985
	1	0.5	0.5	0.5	IC	Nat Gas	FO2	1948
	2	0.5	0.5	0.5	IC	Nat Gas	FO2	1948
	3	0.6	0.6	0.6	IC	FO2		1953

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Illinois								
Freeburg Village of								
	4	1.0	1.0	1.0	IC	FO2		1959
	5	1.9	1.9	1.9	IC	Nat Gas		1966
Geneseo City of								
Geneseo (Henry)	1	5.6	5.6	5.6	IC	Nat Gas	FO2	1974
	2	3.5	3.5	3.5	IC	Nat Gas	FO2	1967
	3	3.5	3.5	3.5	IC	Nat Gas	FO2	1966
	4	2.0	2.0	2.0	IC	Nat Gas	FO2	1957
	5	1.2	1.2	1.2	IC	Nat Gas	FO2	1949
	6	1.0	1.0	1.0	IC	FO2		1947
	7	3.0	3.0	3.0	IC	Nat Gas	FO2	1961
Highland City of								
Highland (Madison)	IC1	2.2	2.0	2.0	IC	Nat Gas	FO2	1967
	IC2	2.2	2.0	2.0	IC	Nat Gas	FO2	1968
	IC3	4.3	4.0	4.0	IC	Nat Gas	FO2	1971
	IC4	4.3	4.0	4.0	IC	Nat Gas	FO2	1971
Hydro-Op One Associates								
Dayton (La Salle)	1	1.6	1.5	1.3	HC	Water		1925
	2	1.0	0.4	0.5	HC	Water		1925
	3	1.0	1.0	0.9	HC	Water		1925
Illinois Power Co								
Baldwin (Randolph)	1	623.1	560.0	568.0	ST	BIT		1970
	2	634.5	560.0	568.0	ST	BIT		1973
	3	634.5	560.0	568.0	ST	BIT		1975
Clinton (De Witt)	1	984.9	930.0	944.0	NB	Uranium		1987
Havana (Mason)	1	46.0	47.0	48.0	ST	FO6		1947
	2	46.0	47.0	48.0	ST	FO6		1947
	3	46.0	47.0	48.0	ST	FO6		1948
	4	46.0	47.0	48.0	ST	FO6		1950
	5	46.0	47.0	48.0	ST	FO6		1950
	6	488.5	410.0	420.0	ST	BIT		1978
Hennepin (Putnam)	1	75.0	70.0	71.0	ST	BIT	Nat Gas	1953
	2	231.3	210.0	217.0	ST	BIT	Nat Gas	1959
Marseilles (La Salle)	1	0.3	0.3	0.3	HC	Water		1939
	2	0.3	0.3	0.3	HC	Water		1938
	3	0.5	0.5	0.5	HC	Water		1943
	4	0.3	0.3	0.3	HC	Water		1911
	5	0.3	0.3	0.3	HC	Water		1911
	6	0.3	0.3	0.3	HC	Water		1911
	7	0.3	0.3	0.3	HC	Water		1911
Oglesby (La Salle)	1	17.6	13.0	14.5	GT	FO2	Nat Gas	1970
	2	17.6	13.0	14.5	GT	FO2	Nat Gas	1970
	3	17.6	13.0	14.5	GT	FO2	Nat Gas	1970
	4	17.6	13.0	14.5	GT	FO2	Nat Gas	1970
Stallings (Madison)	1	23.8	18.8	22.3	GT	FO2	Nat Gas	1970
	2	23.8	18.8	22.3	GT	FO2	Nat Gas	1970
	3	23.8	18.8	22.3	GT	FO2	Nat Gas	1970
	4	23.8	18.8	22.3	GT	FO2	Nat Gas	1970
Vermilion (Vermilion)	GT1	15.0	11.0	13.0	GT	FO2		1967
	ST1	73.5	70.0	71.0	ST	BIT		1955
	2	108.8	95.0	97.0	ST	BIT		1956
Wood River (Madison)	1	50.0	46.0	48.0	ST	FO2	Nat Gas	1949
	2	50.0	46.0	48.0	ST	FO2	Nat Gas	1949
	3	50.0	46.0	48.0	ST	FO2	Nat Gas	1950
	4	112.5	92.0	94.0	ST	BIT	Nat Gas	1954
	5	387.6	340.0	345.0	ST	BIT		1964
Iowa-Illinois Gas&Electric Co								
Moline (Rock Island)	GT1	18.0	15.9	19.1	GT	Nat Gas	FO2	1970
	GT2	18.0	15.9	19.1	GT	Nat Gas	FO2	1970
	GT3	18.0	15.9	19.1	GT	Nat Gas	FO2	1970
	HY1	0.9	0.8	0.8	HC	Water		1941
	HY2	0.9	0.8	0.8	HC	Water		1941

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	**Unit ID**	**Capacity**			**Unit Type**[1]	**Energy Source**[1]		**Year of Initial Operation**
		Generator Nameplate (megawatts)	**Summer Capability (megawatts)**	**Winter Capability (megawatts)**		**Primary**	**Alternate**	
Illinois								
Iowa-Illinois Gas&Electric Co								
	HY3	0.9	0.8	0.8	HC	Water		1941
	HY4	0.9	0.8	0.8	HC	Water		1941
Mascoutah City of								
Mascoutah (St Clair)	IC1	0.6	0.5	0.6	IC	FO2		1946
	IC2	0.6	0.5	0.6	IC	FO2		1946
	IC3	1.1	1.0	1.1	IC	FO2		1954
	IC4	2.1	2.1	2.1	IC	FO2	Nat Gas	1968
	IC5	2.3	2.4	2.4	IC	FO2	Nat Gas	1973
McLeansboro City of								
McLeansboro (Hamilton)	1	0.6	0.4	0.4	IC	FO2		1949
	2	0.6	0.4	0.4	IC	FO2		1950
	3	0.6	0.4	0.4	IC	FO2		1952
	4	2.3	2.0	2.0	IC	FO2	Nat Gas	1963
	5	2.1	2.1	2.1	IC	FO2	Nat Gas	1979
	6	2.4	2.4	2.4	IC	FO2	Nat Gas	1979
Peru City of								
Peru (La Salle)	GT1	10.0	10.0	10.0	GT	FO2		1968
	IC1	6.3	6.3	6.3	IC	FO2		1973
	4	7.5	7.5	7.5	ST	BIT		1960
Princeton City of								
Princeton (Bureau)	1	2.5	2.1	2.1	IC	Nat Gas	FO2	1953
	2	3.0	2.7	2.7	IC	Nat Gas	FO2	1958
	3	3.5	3.2	3.2	IC	Nat Gas	FO2	1965
	4	3.5	3.2	3.2	IC	Nat Gas	FO2	1965
	5	4.5	4.1	4.1	IC	Nat Gas	FO2	1971
	6	5.6	4.8	4.8	IC	Nat Gas	FO2	1971
	7	7.0	5.6	5.6	IC	Nat Gas	FO2	1976
	8	8.8	7.0	7.0	IC	Nat Gas	FO2	1976
Rantoul Village of								
Rantoul (Champaign)	1	1.2	1.2	1.2	IC	FO2	Nat Gas	1951
	2	1.2	1.2	1.2	IC	FO2	Nat Gas	1951
	3	1.2	1.2	1.2	IC	FO2	Nat Gas	1953
	4	1.2	1.2	1.2	IC	FO2	Nat Gas	1954
	5	1.5	1.5	1.5	IC	FO2	Nat Gas	1964
	6	1.5	1.5	1.5	IC	FO2	Nat Gas	1964
	7	5.2	5.2	5.2	IC	FO2	Nat Gas	1967
	8	4.0	4.0	4.0	IC	FO2	Nat Gas	1964
Red Bud City of								
Red Bud (Randolph)	1	2.4	2.2	2.2	IC	Nat Gas	FO2	1968
	2	1.1	0.9	1.0	IC	Nat Gas	FO2	1959
	3	2.4	2.2	2.2	IC	Nat Gas	FO2	1964
	4	3.5	3.0	3.0	IC	Nat Gas	FO2	1973
	5	0.6	0.5	0.5	IC	FO2		1948
	6	1.0	0.9	0.9	IC	FO2		1953
Rochelle City of								
North Ninth Street (Ogle)	1	0.9	0.7	0.7	IC	FO2		1940
	2	0.8	0.6	0.6	IC	FO2		1936
	3	2.5	2.2	2.2	IC	Nat Gas	FO2	1956
	4	1.0	0.5	0.5	IC	FO2		1946
	5	1.0	0.8	0.8	IC	Nat Gas		1949
	6	2.5	2.5	2.0	IC	Nat Gas	FO2	1954
	7	3.8	3.8	3.5	IC	Nat Gas	FO2	1967
	8	1.0	0.7	0.7	IC	FO2		1949
South Main Street (Ogle)	S1	11.5	11.5	11.5	ST	BIT		1961
	1	2.5	2.3	1.7	IC	Nat Gas	FO2	1967
	2	2.5	2.3	2.3	IC	Nat Gas	FO2	1967

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Illinois								
South Beloit Water Gas&Elec Co								
Rockton (Winnebago)	1	0.6	0.7	0.7	HC	Water		1929
	2	0.5	0.6	0.6	HC	Water		1929
Southern Illinois Power Coop								
Marion (Williamson)	1	33.0	34.0	34.0	ST	BIT		1963
	2	33.0	34.0	34.0	ST	BIT		1963
	3	33.0	34.0	34.0	ST	BIT		1963
	4	173.0	170.0	170.0	ST	BIT		1978
Springfield City of								
Dallman (Sangamon)	1	90.3	87.5	87.8	ST	BIT		1968
	2	90.3	86.0	86.4	ST	BIT		1972
	3	207.4	190.0	190.0	ST	BIT		1978
Factory (Sangamon)	1	26.6	23.0	26.0	GT	FO2		1974
Lakeside (Sangamon)	6	37.5	39.8	41.1	ST	BIT		1961
	7	37.5	39.7	41.1	ST	BIT		1965
Reynolds (Sangamon)	1	17.6	18.1	19.5	GT	FO2		1970
Sullivan City of								
Sullivan (Moultrie)	1	4.3	4.3	4.3	IC	Nat Gas	FO2	1974
	10	2.4	2.2	2.4	IC	Nat Gas	FO2	1971
	2	2.0	2.0	2.0	IC	Nat Gas	FO2	1961
	3	1.5	1.3	1.5	IC	Nat Gas	FO2	1956
	4	1.1	0.9	1.1	IC	Nat Gas	FO2	1951
	5	1.1	1.1	1.1	IC	FO2		1948
	6	0.7	0.6	0.6	IC	Nat Gas	FO2	1946
	7	0.3	0.3	0.3	IC	FO2		1939
	9	2.4	2.2	2.4	IC	Nat Gas	FO2	1971
Union Electric Co								
Venice (Madison)	GT1	37.5	25.0	30.0	GT	FO2		1967
	ST1	40.0	166.0[2]	166.0[2]	ST	FO2	Nat Gas	1942
	2	40.0	-[2]	-[2]	ST	FO2	Nat Gas	1942
	3	98.0	-[2]	-[2]	ST	FO2	Nat Gas	1943
	4	98.0	-[2]	-[2]	ST	FO2	Nat Gas	1948
	5	98.0	-[2]	-[2]	ST	FO2	Nat Gas	1950
	6	100.0	-[2]	-[2]	ST	FO2	Nat Gas	1950
Waterloo City of								
Waterloo (Monroe)	1	3.1	3.1	3.1	IC	Nat Gas	FO2	1970
	2	0.3	0.3	0.3	IC	FO2		1954
	3	0.2	0.2	0.2	IC	FO2		1946
	4	2.0	2.0	2.0	IC	Nat Gas	FO2	1963
	5	0.6	0.6	0.6	IC	FO2		1950
	6	0.6	0.6	0.6	IC	FO2		1950
	7	1.7	1.7	1.7	IC	Nat Gas	FO2	1959
	8	3.0	3.0	3.0	IC	FO2		1973
Western Illinois Pwr Coop Inc								
Pearl Station (Pike)	GT1	24.0	22.0	24.0	GT	FO2		1973
	1	22.0	22.0	22.0	ST	BIT		1966
Pittsfield (Pike)	1	1.0	9.0[2]	9.0[2]	IC	FO2	Nat Gas	1948
	2	1.0	-[2]	-[2]	IC	FO2	Nat Gas	1948
	3	1.0	-[2]	-[2]	IC	FO2	Nat Gas	1948
	4	3.0	-[2]	-[2]	IC	FO2	Nat Gas	1954
	5	3.0	-[2]	-[2]	IC	FO2	Nat Gas	1954
Winchester (Scott)	1	0.4	3.0[2]	3.0[2]	IC	FO2	Nat Gas	1938
	2	0.4	-[2]	-[2]	IC	FO2	Nat Gas	1938
	3	0.4	-[2]	-[2]	IC	FO2	Nat Gas	1938
	4	1.0	-[2]	-[2]	IC	FO2	Nat Gas	1945
	5	1.0	-[2]	-[2]	IC	FO2	Nat Gas	1945
Winnetka Village of								
Winnetka (Cook)	4	7.5	7.5	7.5	ST	BIT	Nat Gas	1953
	6	5.0	5.0	5.0	ST	BIT	Nat Gas	1948
	7	10.0	10.0	10.0	ST	BIT	Nat Gas	1960

See footnotes at end of table.

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Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Illinois								
Winnetka Village of								
	8	2.4	2.4	2.4	IC	FO2		1979
	9	2.4	2.4	2.4	IC	FO2		1979
Indiana								
Bluffton City of								
Bluffton (Wells)	1	1.0	0.8	0.8	IC	FO2		1947
	2	1.0	0.8	0.8	IC	FO2		1947
	3	2.5	2.0	2.0	IC	Nat Gas	FO2	1952
	4	2.5	2.0	2.0	IC	Nat Gas	FO2	1952
Commonwealth Edison Co IN Inc								
State Line (Lake)	3	225.0	187.0	187.0	ST	SUB		1955
	4	389.0	303.0	303.0	ST	SUB		1962
Crawfordsville Elec Lgt&Pwr Co								
Crawfordsville (Montgomery)	4	11.5	10.4	10.4	ST	BIT		1955
	5	12.7	10.7	10.7	ST	BIT		1965
Fort Wayne City of								
St Joe Dam (Allen)	1	0.1	0.0	0.1	HC	Water		1934
Hoosier Energy R E C Inc								
Frank E Ratts (Pike)	1	116.6	117.0	117.0	ST	BIT		1970
	2	116.6	117.0	117.0	ST	BIT		1970
Merom (Sullivan)	1	490.0	496.0	504.0	ST	BIT		1983
	2	490.0	498.0	506.0	ST	BIT		1981
Indiana Michigan Power Co								
Breed (Sullivan)	1	495.6	380.0	400.0	ST	BIT		1960
Elkhart (Elkhart)	1	1.4	3.0[2]	3.0[2]	HC	Water		1921
	2	1.0	-[2]	-[2]	HC	Water		1913
	3	1.0	-[2]	-[2]	HC	Water		1913
Fourth Street (Allen)	1	18.0	15.0	18.0	GT	FO2		1970
Rockport (Spencer)	1	1300.0	1300.0	1300.0	ST	BIT		1984
Tanners Creek (Dearborn)	1	152.5	140.0	145.0	ST	BIT		1951
	2	152.5	140.0	145.0	ST	BIT		1952
	3	215.4	200.0	205.0	ST	BIT		1954
	4	579.7	500.0	500.0	ST	BIT		1964
Twin Branch (St Joseph)	H1	1.8	3.0[2]	3.0[2]	HC	Water		1922
	H2	1.5	-[2]	-[2]	HC	Water		1922
	H3	1.0	-[2]	-[2]	HC	Water		1905
	H4	1.0	-[2]	-[2]	HC	Water		1904
	H5	1.0	-[2]	-[2]	HC	Water		1905
	H6	1.0	-[2]	-[2]	HC	Water		1904
Indiana-Kentucky Electric Corp								
Clifty Creek (Jefferson)	1	217.3	204.0	211.0	ST	BIT		1954
	2	217.3	214.0	221.0	ST	BIT		1955
	3	217.3	215.0	222.0	ST	BIT		1955
	4	217.3	214.0	221.0	ST	BIT		1955
	5	217.3	209.0	216.0	ST	BIT		1955
	6	217.3	206.0	213.0	ST	BIT		1956
Indianapolis Power & Light Co								
Elmer W Stout (Marion)	GT1	21.4	20.0	25.0	GT	FO2		1973
	GT2	21.4	20.0	25.0	GT	FO2		1973
	GT3	21.4	20.0	25.0	GT	FO2		1973
	IC1	2.8	3.0	3.0	IC	FO2		1967
	3	37.5	35.0	40.0	ST	FO2		1941
	4	42.8	35.0	40.0	ST	FO2		1947
	5	113.6	106.0	109.0	ST	BIT		1958
	6	113.6	106.0	109.0	ST	BIT		1961
	7	470.9	422.0	422.0	ST	BIT		1973
H T Pritchard (Morgan)	IC1	2.8	3.0	3.0	IC	FO2		1967
	ST1	46.0	39.0	39.0	ST	FO2		1949
	2	46.0	39.0	39.0	ST	FO2		1950

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Indiana								
Indianapolis Power & Light Co								
	3	50.0	43.0	43.0	ST	BIT		1951
	4	69.0	56.0	57.0	ST	BIT		1953
	5	69.0	62.0	63.0	ST	BIT		1953
	6	113.6	99.0	100.0	ST	BIT		1956
Perry K (Marion)	3	15.0	16.0	17.0	ST	BIT		1924
	4	15.0	16.0	17.0	ST	BIT		1925
	6	5.0	3.0	3.0	ST	BIT		1938
Perry W (Marion)	7	11.6	12.0	10.0	ST	BIT		1966
Petersburg (Pike)	IC1	2.8	3.0	3.0	IC	FO2		1967
	IC2	2.8	3.0	3.0	IC	FO2		1967
	IC3	2.8	2.0	2.0	IC	FO2		1967
	ST1	253.4	239.0	239.0	ST	BIT		1967
	ST2	471.0	418.0	418.0	ST	BIT		1969
	ST3	574.4	510.0	510.0	ST	BIT		1977
	4	574.2	515.0	515.0	ST	BIT		1985
Jasper City of								
Jasper 2 (Dubois)	1	14.5	13.5	13.5	ST	BIT		1968
Logansport City of								
Logansport (Cass)	4	18.0	12.0	14.0	ST	BIT		1958
	5	25.0	18.5	22.0	ST	BIT		1964
	6	18.0	15.0	17.0	GT	FO2	Nat Gas	1969
Northern Indiana Pub Serv Co								
Bailly (Porter)	10	37.5	28.0	34.0	GT	Nat Gas		1968
	7	194.0	160.0	160.0	ST	BIT	Nat Gas	1962
	8	421.6	320.0	320.0	ST	BIT	Nat Gas	1968
Dean H Mitchell (Lake)	11	115.1	110.0	110.0	ST	SUB	BIT	1970
	4	138.1	125.0	125.0	ST	SUB	BIT	1956
	5	138.1	125.0	125.0	ST	SUB	BIT	1959
	6	138.1	125.0	125.0	ST	SUB	BIT	1959
	9A	17.4	16.0	19.0	GT	Nat Gas		1966
	9B	17.4	12.0	15.0	GT	Nat Gas		1968
	9C	17.4	15.0	18.0	GT	Nat Gas		1968
Michigan City (La Porte)	12	540.0	469.0	469.0	ST	BIT	Nat Gas	1974
	2	70.0	60.0	50.0	ST	Nat Gas	BIT	1950
	3	70.0	60.0	60.0	ST	Nat Gas	BIT	1951
Norway (White)	1	2.0	2.0	2.0	HC	Water		1923
	2	2.0	2.0	2.0	HC	Water		1923
	3	2.0	2.0	2.0	HC	Water		1923
	4	1.2	1.2	1.2	HC	Water		1923
Oakdale (Carroll)	1	4.0	4.0	4.0	HC	Water		1925
	2	3.0	3.0	3.0	HC	Water		1925
	3	4.0	1.2	1.2	HC	Water		1925
R M Schahfer (Jasper)	14	540.0	431.0	431.0	ST	BIT	FO2	1976
	15	556.4	472.0	472.0	ST	BIT		1979
	16A	129.0	78.0	78.0	GT	Nat Gas		1979
	16B	129.0	77.0	77.0	GT	Nat Gas		1979
	17	423.5	344.0	344.0	ST	BIT	Nat Gas	1983
	18	423.5	344.0	344.0	ST	BIT	Nat Gas	1985
Peru City of								
Peru (Miami)	2	22.0	20.0	20.0	ST	BIT	FO2	1959
	3	10.0	10.0	10.0	ST	BIT	FO2	1949
Public Service Co of IN Inc								
Cayuga (Vermillion)	1	531.0	500.0	505.0	ST	BIT		1970
	2	531.0	485.0	490.0	ST	BIT		1972
	31	2.6	2.0	2.0	IC	FO2		1972
	32	2.8	2.0	3.0	IC	FO2		1972
	33	2.6	2.0	2.0	IC	FO2		1972
	34	2.5	3.0	3.0	IC	FO2		1972
Connersville (Fayette)	1	41.9	42.0	49.0	IC	FO2		1972
	2	41.9	43.0	49.0	IC	FO2		1972
Edwardsport (Knox)	6	36.0	45.0	45.0	ST	FO2		1944

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Indiana								
Public Service Co of IN inc								
	7	40.3	45.0	45.0	ST	BIT		1948
	8	69.0	75.0	75.0	ST	BIT		1951
Gibson (Gibson)	1	668.0	630.0	630.0	ST	BIT		1976
	2	668.0	630.0	635.0	ST	BIT		1975
	3	668.0	630.0	635.0	ST	BIT		1977
	4	668.0	630.0	635.0	ST	BIT		1978
	5[*]	668.0	620.0	625.0	ST	BIT		1982
Markland (Switzerland)	1	21.6	18.0	18.0	HC	Water		1967
	2	21.6	18.0	18.0	HC	Water		1966
	3	21.6	19.0	19.0	HC	Water		1966
Miami Wabash (Wabash)	1	18.0	16.0	17.0	IC	FO2		1968
	2	18.0	16.0	17.0	IC	FO2		1968
	3	18.0	15.0	17.0	IC	FO2		1968
	4	18.0	15.0	17.0	IC	FO2		1963
	5	16.3	15.0	18.0	IC	FO2		1969
	6	16.3	16.0	18.0	IC	FO2		1969
Noblesville (Hamilton)	1	50.0	45.0	45.0	ST	BIT		1950
	2	50.0	45.0	45.0	ST	BIT		1950
R Gallagher (Floyd)	1	150.0	140.0	140.0	ST	BIT		1959
	2	150.0	140.0	140.0	ST	BIT		1958
	3	150.0	140.0	140.0	ST	BIT		1960
	4	150.0	140.0	140.0	ST	BIT		1961
Wabash River (Vigo)	1	112.5	85.0	85.0	ST	BIT		1953
	2	112.5	85.0	85.0	ST	BIT		1953
	3	123.3	85.0	85.0	ST	BIT		1954
	4	112.5	85.0	85.0	ST	BIT		1954
	5	125.0	95.0	95.0	ST	BIT		1956
	6	387.0	318.0	318.0	ST	BIT		1968
	71	2.8	3.0	3.0	IC	FO2		1967
	72	2.8	2.0	2.0	IC	FO2		1967
	73	2.8	3.0	3.0	IC	FO2		1967
Rensselaer City of								
Rensselaer (Jasper)	10	2.1	1.8	1.8	IC	FO2	Nat Gas	1971
	11	2.1	1.9	1.9	IC	FO2	Nat Gas	1971
	5	2.0	1.9	1.9	IC	FO2	Nat Gas	1950
	6	2.5	2.3	2.3	IC	FO2	Nat Gas	1957
	7	3.0	2.8	2.8	IC	FO2	Nat Gas	1964
	8	2.5	2.3	2.3	IC	FO2	Nat Gas	1968
Richmond City of								
Whitewater Valley (Wayne)	1	33.0	33.0	33.0	ST	BIT		1955
	2	60.0	60.0	60.0	ST	BIT		1973
Southern Indiana Gas & Elec Co								
A B Brown (Posey)	1	265.2	250.0	250.0	ST	BIT		1978
	2	265.2	250.0	250.0	ST	BIT		1986
Broadway (Vanderburgh)	1	53.1	50.0	60.0	GT	Nat Gas	FO2	1971
	2	88.9	65.0	75.0	GT	Nat Gas	FO2	1981
F B Culley (Warrick)	1	46.0	46.0	46.0	ST	BIT		1955
	2	103.7	96.0	96.0	ST	BIT		1966
	3	265.2	255.0	255.0	ST	BIT		1973
Northeast (Vanderburgh)	1	10.7	10.0	12.0	GT	Nat Gas		1963
	2	11.5	10.0	12.0	GT	Nat Gas		1964
Warrick (Warrick)	4[*]	323.0	270.0	270.0	ST	BIT		1970

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Iowa								
Algona City of								
Algona (Kossuth)	1	2.2	1.8	1.8	IC	FO2	Nat Gas	1951
	2	0.7	0.5	0.5	IC	FO2	Nat Gas	1931
	3	0.7	0.6	0.6	IC	FO2	Nat Gas	1938
	4	1.0	0.8	0.8	IC	FO2	Nat Gas	1941
	5	1.5	1.1	1.1	IC	FO2	Nat Gas	1947
	6	3.2	3.2	3.2	IC	FO2	Nat Gas	1965
	7	4.1	4.1	4.1	IC	FO2	Nat Gas	1970
Alta City of								
Alta (Buena Vista)	1	1.0	1.0	1.0	IC	FO2		1947
	2	0.3	0.2	0.2	IC	FO2		1936
Ames City of								
Ames (Story)	4	1.0	1.0	1.0	IC	FO2		1947
	7	33.0	35.0	35.0	ST	BIT		1968
	8	65.0	65.0	65.0	ST	BIT		1981
Ames-GT (Story)	GT1	22.0	16.0	18.0	GT	FO2		1972
Anita City of								
Anita (Cass)	1	0.2	0.1	0.2	IC	FO2		1939
	2	0.2	0.2	0.2	IC	FO2		1939
	3	0.4	0.2	0.3	IC	FO2		1951
Atlantic City of								
Atlantic (Cass)	1	4.2	4.0	4.0	IC	Nat Gas	FO2	1966
	2	5.0	5.0	5.0	ST	Nat Gas	FO6	1958
Bancroft City of								
Bancroft (Kossuth)	1	0.2	0.2	0.2	IC	FO2		1939
	2	0.2	0.2	0.2	IC	FO2		1939
	3	0.3	0.3	0.3	IC	FO2		1941
	4	0.3	0.3	0.3	IC	FO2		1948
	5	0.6	0.6	0.6	IC	FO2		1954
Bellevue City of								
Bellevue (Jackson)	1	0.6	0.5	0.5	IC	FO2	Nat Gas	1947
	4	0.8	0.6	0.6	IC	FO2	Nat Gas	1963
	5	0.9	0.8	0.8	IC	FO2	Nat Gas	1953
	6	3.0	2.4	2.4	IC	FO2	Nat Gas	1971
Bloomfield City of								
Bloomfield (Davis)	1	2.8	2.3	2.3	IC	Nat Gas	FO2	1975
	2	0.3	0.2	0.2	IC	Nat Gas	FO2	1945
	3	2.7	2.0	2.0	IC	Nat Gas	FO2	1964
	4	0.3	0.3	0.3	IC	Nat Gas	FO2	1946
	5	0.9	0.8	0.8	IC	Nat Gas	FO2	1951
	6	1.5	1.2	1.2	IC	Nat Gas	FO2	1958
Brooklyn City of								
Brooklyn (Poweshiek)	1	0.2	0.2	0.2	IC	FO2		1940
	2	0.2	0.2	0.2	IC	FO2		1940
	3	0.3	0.3	0.3	IC	FO2		1947
	4	0.6	0.6	0.6	IC	Nat Gas	FO2	1955
	5	1.1	1.1	1.1	IC	Nat Gas	FO2	1964
Cascade City of								
Cascade (Dubuque)	1	0.8	0.7	0.8	IC	FO2	Nat Gas	1957
	2	2.1	1.9	2.0	IC	FO2	Nat Gas	1971
	4	0.7	0.6	0.7	IC	FO2	Nat Gas	1951
Cedar Falls City of								
Gas Turbine (Black Hawk)	1	25.0	20.0	25.0	GT	FO2	Nat Gas	1968
Streeter Station (Black Hawk)	6	16.5	16.5	16.5	ST	BIT	Nat Gas	1963
	7	35.0	35.5	35.5	ST	BIT	Nat Gas	1973

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Iowa								
Central Iowa Power Coop								
Fair Station (Muscatine)	1*	25.0	23.5	24.0	ST	BIT	Nat Gas	1959
	2*	37.5	41.5	42.0	ST	BIT	Nat Gas	1967
Summit Lake (Union)	GT1	30.0	24.7	32.6	CT	FO2	Nat Gas	1973
	GT2	30.0	25.9	34.0	CT	FO2	Nat Gas	1975
	IC1	1.0	1.0	1.0	IC	FO2		1948
	IC2	1.0	1.0	1.0	IC	FO2		1948
	IC4	1.0	1.0	1.0	IC	FO2		1948
	IC5	1.0	1.0	1.0	IC	FO2		1948
	1	7.5	7.0	8.0	CW	WH		1951
	2	7.5	7.0	8.0	CW	WH		1951
	3	7.5	7.0	8.0	CW	WH		1957
Coggon City of								
Coggon (Linn)	IC1	0.7	0.7	0.7	IC	FO2		1957
	2	0.2	0.2	0.2	IC	FO2		1952
	3	0.2	0.2	0.2	IC	FO2		1945
	4	0.7	0.7	0.7	IC	FO2		1967
Coon Rapids City of								
Coon Rapids (Carroll)	4	0.7	0.7	0.7	IC	FO2		1944
	5	0.7	0.7	0.7	IC	FO2		1948
	6	1.2	1.2	1.2	IC	FO2	Nat Gas	1956
	7	1.4	1.4	1.4	IC	FO2	Nat Gas	1967
Corn Belt Power Coop								
Earl F Wisdom (Clay)	1	44.1	36.5	38.5	ST	BIT	Nat Gas	1960
Humboldt (Humboldt)	1	9.4	9.0	9.0	ST	BIT	Nat Gas	1950
	2	9.4	9.0	9.0	ST	BIT	Nat Gas	1950
	3	13.5	12.5	12.5	ST	BIT	Nat Gas	1951
	4	20.3	18.5	18.5	ST	BIT	Nat Gas	1953
Corning City of								
Corning (Adams)	1	0.7	0.7	0.7	IC	FO2		1945
	2	1.0	1.0	1.0	IC	FO2		1950
	3	1.4	1.4	1.4	IC	FO2		1955
	4	0.5	0.5	0.5	IC	FO2		1938
	5	2.9	2.9	2.9	IC	FO2		1975
Dayton City of								
Dayton (Webster)	1	0.7	0.7	0.7	IC	FO2	Nat Gas	1959
	2	0.4	0.4	0.4	IC	FO2	Nat Gas	1951
	3	0.2	0.2	0.2	IC	FO2		1947
	4	0.1	0.1	0.1	IC	FO2		1939
Denison City of								
Denison (Crawford)	1	1.4	1.3	1.5	IC	Nat Gas	FO2	1955
Durant City of								
Durant (Cedar)	1	0.1	0.1	0.1	IC	FO2		1942
	3	0.3	0.3	0.3	IC	FO2		1945
	4	0.6	0.6	0.6	IC	FO2		1954
	5	0.6	0.6	0.6	IC	FO2		1958
	6	0.2	0.2	0.2	IC	FO2		1951
	7	2.1	2.1	2.1	IC	FO2	Nat Gas	1970
Estherville City of								
Estherville (Emmet)	2	1.6	1.2	1.4	IC	FO2		1946
	3	3.0	2.7	2.9	IC	FO2	Nat Gas	1960
	4	4.0	3.6	3.8	IC	FO2	Nat Gas	1969
	5	4.0	3.6	3.6	IC	FO2	Nat Gas	1968
	6	2.0	1.8	1.8	IC	FO2		1949
	7	3.0	2.7	2.9	IC	FO2	Nat Gas	1959
Forest City City of								
Forest City (Winnebago)	IC4	6.3	6.3	6.3	IC	FO2	Nat Gas	1975
	1	1.3	1.3	1.3	IC	FO2	Nat Gas	1955
	2	2.8	2.5	2.5	IC	FO2	Nat Gas	1965

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Iowa								
Forest City City of	3	3.5	3.6	3.6	IC	FO2	Nat Gas	1969
	5	0.7	0.7	0.7	IC	FO2	Nat Gas	1950
Gowrie City of Gowrie (Webster)	1	1.3	1.0	1.0	IC	FO2		1959
	2	1.3	1.0	1.0	IC	FO2		1968
	3	0.4	0.4	0.4	IC	FO2		1949
	4	0.8	0.8	0.6	IC	FO2		1954
Graettinger City of Graettinger (Palo Alto)	1	0.2	0.2	0.2	IC	FO2		1941
	2	0.2	0.0	0.0	IC	FO2		1941
	3	0.2	0.2	0.2	IC	FO2		1946
	4	0.5	0.4	0.4	IC	FO2	Nat Gas	1957
Grand Junction City of Grand Junction (Greene)	1	0.6	0.5	0.5	IC	FO2	Nat Gas	1952
Greenfield City of Greenfield (Adair)	3	1.3	1.0	1.1	IC	FO2		1952
	4	1.8	1.9	1.9	IC	FO2		1961
	5	3.0	2.8	2.8	IC	FO2		1973
Grundy Center City of Grundy Center (Grundy)	IC1	2.3	2.3	2.3	IC	FO2	Nat Gas	1963
	IC2	3.5	3.5	3.5	IC	FO2	Nat Gas	1972
Hartley City of Hartley (O Brien)	1	1.0	1.0	1.0	IC	FO2		1953
	2	0.7	0.7	0.7	IC	FO2		1947
Hawarden City of Hawarden (Sioux)	1	1.3	1.0	1.0	IC	FO2	Nat Gas	1954
	2	0.2	0.2	0.2	IC	FO2		1925
	3	0.5	0.4	0.4	IC	FO2		1928
	4	0.7	0.5	0.5	IC	FO2	Nat Gas	1946
Hopkinton City of Hopkinton (Delaware)	IC3	1.3	1.2	1.3	IC	FO2		1983
	1	1.6	1.6	1.6	IC	FO2		1973
Independence City of Independence (Buchanan)	1	2.5	2.4	2.4	IC	FO2	Nat Gas	1957
	4	1.0	0.9	0.9	IC	FO2	Nat Gas	1949
	5	1.0	0.9	0.9	IC	FO2	Nat Gas	1949
	6	3.2	2.5	2.7	IC	FO2	Nat Gas	1964
	7	6.3	5.8	6.0	IC	FO2	Nat Gas	1973
Indianola City of Indianola (Warren)	1	0.8	0.8	0.6	IC	FO2		1946
	2	1.4	1.2	1.3	IC	FO2	Nat Gas	1949
	3	1.1	0.8	0.8	IC	FO2	Nat Gas	1953
	4	1.5	1.2	1.3	IC	FO2	Nat Gas	1961
	5	4.0	3.5	3.5	IC	FO2	Nat Gas	1966
	6	5.1	4.8	4.8	IC	FO2	Nat Gas	1970
	7	20.6	18.5	24.0	GT	FO2		1977
Interstate Power Co Dubuque (Dubuque)	IC1	2.0	2.3	2.0	IC	FO2		1966
	IC2	2.0	2.3	2.0	IC	FO2		1966
	ST2	15.0	13.0	13.0	ST	BIT	Nat Gas	1929
	3	28.8	30.0	30.0	ST	BIT	Nat Gas	1952
	4	37.5	35.0	35.0	ST	BIT	Nat Gas	1959
Lansing (Allamakee)	IC1	1.0	1.0	1.0	IC	FO2		1970
	IC2	1.0	1.0	1.0	IC	FO2		1971
	1	15.0	15.5	15.5	ST	BIT		1948
	2	11.5	10.7	10.7	ST	BIT		1949

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Iowa								
Interstate Power Co								
	3	37.5	33.8	33.8	ST	BIT		1957
	4	274.5	260.0	255.0	ST	SUB		1977
Milton L Kapp (Clinton)	1	18.8	18.0	18.0	ST	BIT		1947
	2	218.5	217.0	217.0	ST	BIT		1967
New Albin (Allamakee)	1	0.7	0.7	0.7	IC	FO2		1970
Iowa Electric Light & Power Co								
Ames (Story)	1	1.0	1.0	1.0	IC	FO2		1960
	2	1.0	1.0	1.0	IC	FO2		1960
Duane Arnold (Linn)	1*	597.2	500.0	540.0	NB	Uranium		1974
Iowa Falls (Hardin)	1	0.5	0.5	0.5	HC	Water		1926
	4	7.5	8.5	8.5	ST	Nat Gas	FO2	1945
Maquoketa (Jackson)	1	0.6	0.6	0.6	HC	Water		1924
	2	0.6	0.6	0.6	HC	Water		1924
Marshalltown (Marshall)	IC1	2.5	2.0	2.0	IC	FO2		1941
	IC2	2.5	1.9	1.9	IC	FO2		1942
	1	67.4	50.0	70.3	GT	FO2		1978
	2	67.4	50.0	70.3	GT	FO2		1978
	3	67.4	50.0	70.3	GT	FO2		1978
Prairie Creek (Linn)	1*	23.0	22.0	22.0	ST	BIT	Nat Gas	1950
	2*	23.0	22.0	22.0	ST	BIT	Nat Gas	1951
	3*	50.0	49.0	49.0	ST	BIT	Nat Gas	1958
	4	148.8	135.0	139.0	ST	BIT	Nat Gas	1967
Sixth Street (Linn)	1	10.0	8.3	3.0	ST	BIT	Refuse	1921
	2	6.0	3.0	6.0	ST	BIT	Refuse	1930
	4	15.0	18.0	17.0	ST	BIT	Refuse	1942
	6	10.0	8.0	3.0	ST	BIT	Refuse	1924
	7	15.0	18.0	17.0	ST	BIT	Refuse	1945
	8	28.8	30.0	27.0	ST	BIT	Refuse	1950
Sutherland (Marshall)	1	37.5	31.5	32.5	ST	BIT	Nat Gas	1955
	2	37.5	32.0	33.0	ST	BIT	Nat Gas	1955
	3	81.6	80.0	81.5	ST	BIT	Nat Gas	1961
Iowa Power & Light Co								
Council Bluffs (Pottawattamie)	1	49.0	46.0	46.0	ST	SUB	Nat Gas	1954
	2	81.6	75.0	75.0	ST	SUB	Nat Gas	1958
	3*	725.9	675.0	675.0	ST	SUB		1978
Des Moines (Polk)	5	46.0	46.0	46.0	ST	Nat Gas	FO2	1950
	6	75.0	69.0	69.0	ST	BIT	SUB	1954
	7	113.6	119.0	119.0	ST	BIT	SUB	1964
River Hills (Polk)	1	15.5	16.1	20.0	GT	Nat Gas	FO2	1966
	2	15.5	16.1	20.0	GT	Nat Gas	FO2	1966
	3	15.5	16.1	20.0	GT	Nat Gas	FO2	1966
	4	15.5	16.1	20.0	GT	Nat Gas	FO2	1966
	5	15.5	15.7	20.0	GT	Nat Gas	FO2	1967
	6	15.5	15.7	20.0	GT	Nat Gas	FO2	1967
	7	15.5	15.7	20.0	GT	Nat Gas	FO2	1968
	8	15.5	15.7	20.0	GT	Nat Gas	FO2	1968
Sycamore (Polk)	1	78.8	74.0	95.0	GT	Nat Gas	FO2	1974
	2	78.8	74.0	95.0	GT	Nat Gas	FO2	1974
Iowa Public Service Co								
Electrifarm (Black Hawk)	1	71.2	49.9	68.8	GT	Nat Gas	FO2	1975
	2	89.0	58.7	75.3	GT	Nat Gas	FO2	1977
	3	103.9	61.4	82.7	GT	Nat Gas	FO2	1977
George Neal (Woodbury)	1	147.1	130.0	130.0	ST	BIT	Nat Gas	1964
	2	349.2	290.0	290.0	ST	BIT	Nat Gas	1972
	3*	549.8	515.0	515.0	ST	BIT	FO2	1975
	4*	639.9	600.0	600.0	ST	BIT	FO2	1979
Merle Parr (Floyd)	1	18.0	13.8	19.0	GT	Nat Gas	FO2	1969
	2	18.0	13.5	18.2	GT	Nat Gas	FO2	1969
Iowa Southern Utilities Co								
Burlington (Des Moines)	1	212.0	207.0	207.0	ST	BIT	FO2	1968
Centerville (Appanoose)	1	2.0	2.0	2.0	IC	FO2		1963
	2	2.0	2.0	2.0	IC	FO2		1963

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Iowa								
Iowa Southern Utilities Co	3	2.0	2.0	2.0	IC	FO2		1963
Ottumwa (Wapello)	1*	726.0	675.0	675.0	ST	SUB	FO2	1981
Iowa-Illinois Gas&Electric Co								
Coralville (Johnson)	1	18.0	16.3	19.7	GT	Nat Gas	FO2	1970
	2	18.0	16.3	19.7	GT	Nat Gas	FO2	1970
	3	18.0	16.3	19.7	GT	Nat Gas	FO2	1970
Louisa (Louisa)	1*	738.1	650.0	650.0	ST	SUB		1983
Manson (Calhoun)	1	1.0	1.0	1.0	IC	FO2		1948
Riverside (Scott)	5	136.0	128.0	128.0	ST	BIT	Nat Gas	1961
Kimballton City of								
Kimballton (Audubon)	5	0.5	0.3	0.4	IC	FO2		1970
La Porte City City of								
La Porte (Black Hawk)	2	1.1	1.1	1.1	IC	FO2	Nat Gas	1963
	3	0.3	0.3	0.3	IC	FO2		1940
	4	0.6	0.6	0.6	IC	FO2		1950
	5	0.8	0.8	0.8	IC	FO2	Nat Gas	1956
Lake Mills City of								
Lake Mills (Winnebago)	1	0.2	0.2	0.2	IC	FO2		1931
	2	0.3	0.3	0.3	IC	FO2		1937
	3	0.9	0.8	0.8	IC	FO2	Nat Gas	1956
	4	1.4	1.4	1.4	IC	FO2	Nat Gas	1962
	5	3.0	3.0	3.0	IC	FO2	Nat Gas	1968
	6	5.8	5.8	5.8	IC	FO2		1979
Lake Park City of								
Lake Park (Dickinson)	1	0.7	0.5	0.5	IC	FO2		1950
	2	1.0	0.8	0.8	IC	FO2		1958
Lamoni City of								
Lamoni (Decatur)	1	2.8	2.8	2.8	IC	FO2	Nat Gas	1973
	2	0.2	0.2	0.2	IC	FO2		1940
	3	0.3	0.2	0.3	IC	FO2		1941
	4	0.7	0.6	0.6	IC	FO2		1948
	5	1.2	1.1	1.1	IC	FO2	Nat Gas	1954
Laurens City of								
Laurens (Pocahontas)	3	0.8	0.8	0.8	IC	FO2		1952
	4	0.8	0.8	0.8	IC	FO2		1951
Lenox City of								
Lenox (Taylor)	1	0.3	0.3	0.3	IC	FO2		1948
	2	1.1	1.1	1.1	IC	FO2		1965
	3	0.9	0.9	0.9	IC	FO2		1966
Manilla Town of								
Manilla (Crawford)	IC1	0.5	0.4	0.5	IC	FO2		1951
	IC2	0.6	0.5	0.6	IC	FO2		1955
Manning City of								
Manning (Carroll)	1	0.3	0.3	0.3	IC	Crude		1928
	2	0.3	0.3	0.3	IC	Crude		1928
	3	0.5	0.5	0.5	IC	Crude		1940
	4	0.6	0.6	0.6	IC	Crude		1949
Maquoketa City of								
Maquoketa (Jackson)	1	1.4	1.0	1.0	IC	Nat Gas	FO2	1947
	2	0.8	0.5	0.5	IC	FO2		1938
	3	2.1	2.0	2.1	IC	Nat Gas	FO2	1969
	4	1.6	1.2	1.2	IC	FO2		1941
	5	1.7	1.6	1.6	IC	Nat Gas	FO2	1956
	6	2.5	2.4	2.5	IC	Nat Gas	FO2	1962
	7	6.5	6.5	6.5	IC	Nat Gas	FO2	1982

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Iowa								
McGregor City of								
McGregor (Clayton)	1	1.2	1.2	1.2	IC	FO2		1977
	2	0.3	0.3	0.3	IC	FO2		1941
	3	0.5	0.5	0.5	IC	FO2		1955
Milford City of								
Milford (Dickinson)	1	0.6	0.6	0.6	IC	FO2	Nat Gas	1954
	2	0.1	0.1	0.1	IC	FO2	Nat Gas	1936
	3	0.3	0.3	0.3	IC	FO2	Nat Gas	1938
	4	0.5	0.5	0.5	IC	FO2	Nat Gas	1949
Montezuma City of								
Montezuma (Poweshiek)	1	0.2	0.2	0.2	IC	FO2		1940
	2	0.1	0.1	0.1	IC	FO2		1940
	3	0.1	0.1	0.1	IC	FO2		1940
	4	0.6	0.5	0.5	IC	FO2		1947
	5	1.1	1.0	1.1	IC	FO2		1959
	6	1.7	1.6	1.7	IC	FO2	Nat Gas	1967
	7	2.5	2.3	2.4	IC	FO2	Nat Gas	1974
Mt Pleasant City of								
Mt Pleasant (Henry)	D	1.0	1.0	1.0	IC	FO2		1966
	4	3.0	3.0	3.0	ST	BIT		1948
	5	7.5	7.5	7.5	ST	BIT		1966
Muscatine City of								
Muscatine (Muscatine)	7	22.5	25.5	25.5	ST	BIT	Nat Gas	1959
	8	66.0	80.6	80.6	ST	BIT	Nat Gas	1969
	9	160.0	158.1	158.1	ST	BIT		1982
New Hampton City of								
New Hampton (Chickasaw)	3	3.5	3.4	3.4	IC	Nat Gas	FO2	1967
	4	6.3	6.1	6.1	IC	Nat Gas	FO2	1973
	5	6.3	6.1	6.1	IC	Nat Gas	FO2	1973
Ogden City of								
Ogden (Boone)	4	0.5	0.5	0.5	IC	FO2	Nat Gas	1951
	5	1.0	1.0	1.0	IC	FO2	Nat Gas	1958
	6	2.5	2.5	2.5	IC	FO2	Nat Gas	1971
Onawa City of								
Onawa Mun Lt & Power (Monona)	1	0.4	0.4	0.4	IC	FO2		1937
	2	0.4	0.4	0.4	IC	FO2		1937
	3	0.4	0.4	0.4	IC	FO2		1938
	4	0.9	0.5	0.5	IC	FO2		1946
	5	1.0	0.9	0.9	IC	FO2		1949
Orange City City of								
Orange City (Sioux)	1	0.4	0.3	0.3	IC	FO2		1938
	2	1.1	0.9	1.0	IC	FO2		1948
	3	0.7	0.6	0.6	IC	FO2		1954
	4	1.4	1.2	1.3	IC	FO2		1956
Osage City of								
Osage (Mitchell)	2	0.5	0.4	0.4	IC	FO2	Nat Gas	1941
	4	1.3	0.8	0.8	IC	FO2	Nat Gas	1951
	5	3.2	3.0	3.0	IC	FO2	Nat Gas	1963
	6	6.2	6.0	6.0	IC	FO2	Nat Gas	1973
Ottumwa City of								
Ottumwa (Wapello)	1	1.0	1.0	1.0	HC	Water		1931
	2	1.0	1.0	1.0	HC	Water		1931
	3	1.0	1.0	1.0	HC	Water		1931
Paullina City of								
Paullina (O Brien)	1	0.6	0.3	0.3	IC	FO2		1947
	2	1.0	0.9	1.0	IC	FO2		1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Iowa								
Pella City of Pella (Marion)	3	1.5	1.5	1.6	ST	BIT	FO2	1948
	4	4.0	4.0	4.1	ST	BIT	FO2	1952
	5	11.5	12.0	12.0	ST	BIT	FO2	1964
	6	26.5	26.5	26.5	ST	BIT	FO2	1972
Primghar City of Primghar (O Brien)	1	0.6	0.6	0.6	IC	FO2		1952
	2	0.2	0.2	0.2	IC	FO2		1938
	4	0.6	0.6	0.6	IC	FO2		1972
Remsen City of Remsen (Plymouth)	1	0.3	0.3	0.3	IC	FO2		1939
	2	0.2	0.2	0.2	IC	FO2		1933
	3	0.2	0.2	0.2	IC	FO2		1933
	4	0.7	0.7	0.7	IC	FO2		1947
Renwick City of Renwick (Humboldt)	1	0.1	0.1	0.1	IC	FO2		1936
	2	0.2	0.2	0.2	IC	FO2		1939
	3	0.2	0.2	0.2	IC	FO2		1942
Rock Rapids City of Rock Rapids (Lyon)	1	2.5	2.5	2.5	IC	FO2		1968
Rockford City of Rockford (Floyd)	1	0.5	0.5	0.5	IC	FO2	Nat Gas	1951
	2	0.3	0.3	0.3	IC	FO2	Nat Gas	1947
	3	0.1	0.1	0.1	IC	FO2	Nat Gas	1935
	4	0.1	0.1	0.1	IC	FO2	Nat Gas	1935
	5	0.9	0.9	0.9	IC	FO2	Nat Gas	1961
Sanborn City of Sanborn (O Brien)	1	0.2	0.2	0.2	IC	FO2		1947
	2	0.2	0.2	0.2	IC	FO2		1947
	3	0.5	0.5	0.5	IC	FO2		1949
	4	0.6	0.6	0.6	IC	FO2	Nat Gas	1954
Sibley City of Sibley No One (Osceola)	2	2.1	1.9	2.1	IC	FO2	Nat Gas	1971
	3	1.3	1.1	1.2	IC	FO2		1987
Sibley No Two (Osceola)	4	1.1	1.0	1.1	IC	FO2	Nat Gas	1987
Sioux Center City Sioux Center (Sioux)	1	0.4	0.3	0.4	IC	FO2	Nat Gas	1949
	2	0.4	0.3	0.4	IC	FO2	Nat Gas	1949
	3	0.7	0.7	0.7	IC	FO2	Nat Gas	1949
Spencer City of Spencer (Clay)	GT1	23.8	16.1	22.0	GT	Jet Fuel		1969
State Center City of State Center (Marshall)	IC1	0.6	0.5	0.5	IC	FO2	Nat Gas	1951
	IC2	0.8	0.6	0.7	IC	FO2	Nat Gas	1958
	IC3	0.3	0.2	0.2	IC	FO2		1939
	IC4	0.3	0.2	0.2	IC	FO2		1946
	5	1.3	1.1	1.2	IC	FO2	Nat Gas	1961
	6	2.5	2.3	2.5	IC	FO2	Nat Gas	1972
Story City City of Story City (Story)	1	1.4	1.4	1.4	IC	FO2	Nat Gas	1964
	2	2.1	2.1	2.1	IC	FO2	Nat Gas	1972
	3	0.1	0.1	0.1	IC	FO2		1940
	4	0.6	0.3	0.4	IC	FO2		1948
	5	0.7	0.7	0.7	IC	FO2	Nat Gas	1954
	6	2.1	2.1	2.1	IC	FO2	Nat Gas	1978
	7	2.1	2.1	2.1	IC	FO2	Nat Gas	1978

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Iowa								
Strawberry Point City of								
Strawberry Point (Clayton)	1	0.1	0.1	0.1	IC	FO2	Nat Gas	1930
	2	0.2	0.2	0.2	IC	FO2	Nat Gas	1930
	3	0.2	0.2	0.2	IC	FO2	Nat Gas	1937
	4	0.4	0.3	0.3	IC	FO2	Nat Gas	1947
	5	0.5	0.4	0.4	IC	FO2	Nat Gas	1954
	6	1.1	1.0	1.0	IC	FO2	Nat Gas	1965
Stuart City of								
Stuart (Guthrie)	1	0.7	0.7	0.7	IC	FO2	Nat Gas	1956
	2	1.1	1.1	1.1	IC	FO2	Nat Gas	1968
	4	1.1	1.0	1.0	IC	FO2	Nat Gas	1964
Sumner City of								
Sumner (Bremer)	1	2.7	2.7	2.7	IC	Nat Gas	FO2	1972
	2	1.2	1.1	1.1	IC	Nat Gas	FO2	1956
	3	0.7	0.7	0.7	IC	FO2		1946
	4	0.3	0.3	0.3	IC	FO2		1939
	5	0.7	0.7	0.7	IC	FO2		1951
Tipton City of								
Tipton (Cedar)	2	1.4	1.0	1.0	IC	Nat Gas	FO2	1971
	3	1.4	1.0	1.0	IC	Nat Gas	FO2	1971
	4	0.4	0.3	0.3	IC	FO2		1955
	5	0.4	0.3	0.3	IC	FO2		1955
Traer City of								
Municipal Ut (Tama)	3	1.1	1.0	1.1	IC	FO2	Nat Gas	1963
	4	1.1	1.0	1.1	IC	FO2	Nat Gas	1963
	5	0.6	0.5	0.6	IC	FO2		1970
	6	1.3	1.3	1.3	IC	FO2	Nat Gas	1972
Union Electric Co								
Keokuk (Lee)	1	7.6	119.0[2]	122.0[2]	HC	Water		1913
	10	8.8	-[2]	-[2]	HC	Water		1913
	11	8.8	-[2]	-[2]	HC	Water		1913
	12	8.8	-[2]	-[2]	HC	Water		1913
	13	8.8	-[2]	-[2]	HC	Water		1913
	14	8.8	-[2]	-[2]	HC	Water		1913
	15	8.8	-[2]	-[2]	HC	Water		1913
	2	7.6	-[2]	-[2]	HC	Water		1913
	3	7.6	-[2]	-[2]	HC	Water		1913
	4	7.6	-[2]	-[2]	HC	Water		1913
	5	7.6	-[2]	-[2]	HC	Water		1913
	6	7.6	-[2]	-[2]	HC	Water		1913
	7	8.8	-[2]	-[2]	HC	Water		1913
	8	8.8	-[2]	-[2]	HC	Water		1913
	9	8.8	-[2]	-[2]	HC	Water		1913
Villisca City of								
Villisca (Montgomery)	1	0.8	0.8	0.8	IC	Nat Gas	FO2	1948
	2	0.3	0.3	0.3	IC	FO2	Nat Gas	1936
	3	0.3	0.3	0.3	IC	Nat Gas	FO2	1936
	4	0.6	0.6	0.6	IC	FO2	Nat Gas	1939
Vinton City of								
Vinton (Benton)	1	1.4	1.0	1.0	IC	FO2	Nat Gas	1955
	2	0.4	0.3	0.3	IC	FO2		1929
	3	0.5	0.4	0.4	IC	FO2		1936
	4	0.7	0.5	0.5	IC	FO2		1941
	5	0.7	0.5	0.5	IC	FO2		1948
	6	3.0	3.0	3.0	IC	FO2	Nat Gas	1961
	7	3.8	3.5	3.5	IC	FO2	Nat Gas	1967
	8	5.6	5.4	5.4	IC	FO2	Nat Gas	1973
Waverly City of								
East Hydro (Bremer)	1	0.1	0.1	0.1	HC	Water		1921
	2	0.2	0.2	0.2	HC	Water		1923

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Iowa								
Waverly City of	3	0.2	0.2	0.2	HC	Water		1927
East Plant (Bremer)	2	0.7	0.7	0.7	IC	FO2		1937
	3	0.7	0.7	0.7	IC	FO2		1937
	4	1.2	1.2	1.2	IC	FO2		1942
North Plant (Bremer)	5	1.2	1.2	1.2	IC	Nat Gas	FO2	1948
	6	1.4	1.4	1.4	IC	Nat Gas	FO2	1952
	7	3.5	3.5	3.5	IC	Nat Gas	FO2	1958
	8	3.8	3.8	3.8	IC	Nat Gas	FO2	1967
	9	3.8	3.8	3.8	IC	Nat Gas	FO2	1967
Webster City City of								
Webster City (Hamilton)	5	23.0	20.0	22.4	GT	FO2		1972
West Bend City of								
West Bend (Palo Alto)	1	1.2	1.0	1.0	IC	FO2	Nat Gas	1959
	3	1.0	0.9	0.9	IC	FO2	Nat Gas	1954
	4	2.3	2.0	2.0	IC	FO2	Nat Gas	1973
West Liberty City of								
West Liberty (Muscatine)	1	0.9	0.8	0.8	IC	FO2		1948
	2	2.5	2.1	2.1	IC	FO2	Nat Gas	1974
	3	3.0	2.7	2.7	IC	FO2	Nat Gas	1982
Whittemore City of								
Whittemore (Kossuth)	1	0.1	0.1	0.1	IC	FO2	Nat Gas	1946
	2	0.6	0.6	0.6	IC	FO2	Nat Gas	1956
	3	0.2	0.2	0.2	IC	FO2	Nat Gas	1950
	4	1.1	1.1	1.1	IC	FO2	Nat Gas	1964
Wilton City of								
Wilton (Muscatine)	1	1.0	1.0	1.0	IC	FO2	Nat Gas	1958
	2	0.1	0.1	0.1	IC	FO2		1932
	3	0.2	0.1	0.1	IC	FO2		1936
	4	3.0	3.1	3.1	IC	FO2	Nat Gas	1968
Winterset City of								
Winterset (Madison)	1	0.8	0.7	0.7	IC	FO2		1947
	2	1.5	1.4	1.4	IC	FO2	Nat Gas	1956
	3	1.8	1.8	1.8	IC	FO2	Nat Gas	1966
	4	4.5	4.5	4.5	IC	FO2	Nat Gas	1972

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Kansas								
Anthony City of								
Anthony (Harper)	IC1	4.1	4.1	4.1	IC	Nat Gas	FO2	1972
	IC2	3.0	3.0	3.0	IC	Nat Gas		1976
	IC3	4.0	4.0	4.0	IC	Nat Gas	FO2	1981
Ashland City of								
Ashland (Clark)	1	0.7	0.7	0.7	IC	Nat Gas	FO2	1953
	2	0.9	0.8	0.8	IC	Nat Gas	FO2	1974
	3	1.3	1.1	1.1	IC	Nat Gas	FO2	1963
	4	1.3	1.1	1.1	IC	Nat Gas	FO2	1958
	5	0.9	0.7	0.7	IC	FO2		1971
Attica City of								
Attica (Harper)	IC3	1.1	1.0	1.2	IC	FO2	Nat Gas	1984
	1	0.5	0.5	0.6	IC	FO2	Nat Gas	1954
	2	0.9	0.8	0.9	IC	FO2	Nat Gas	1970
	4	0.3	0.3	0.3	IC	FO2	Nat Gas	1961
	5	0.3	0.3	0.3	IC	FO2	Nat Gas	1961
Augusta City of								
Plant No 1 (Butler)	1	1.1	1.0	1.1	IC	Nat Gas	FO2	1954
	2	0.4	0.4	0.4	IC	FO2		1929
	3	1.0	1.0	1.0	IC	Nat Gas	FO2	1949
	4	0.7	0.7	0.7	IC	FO2		1939
	5	2.3	2.1	2.3	IC	Nat Gas	FO2	1956
	6	2.3	2.1	2.3	IC	Nat Gas	FO2	1956
	7	2.0	1.8	2.0	IC	Nat Gas	FO2	1964
Plant No 2 (Butler)	1	4.0	4.1	4.0	IC	Nat Gas	FO2	1968
	2	4.0	4.1	4.0	IC	Nat Gas	FO2	1968
	3	6.0	6.3	6.0	IC	Nat Gas	FO2	1981
Baldwin City City of								
Baldwin (Douglas)	1	0.6	0.4	0.4	IC	FO2	Nat Gas	1950
	3	1.1	1.0	1.0	IC	FO2	Nat Gas	1970
	4	2.1	1.8	1.8	IC	FO2	Nat Gas	1970
	5	1.1	0.7	1.0	IC	FO2	Nat Gas	1964
	6	1.1	0.7	1.0	IC	FO2	Nat Gas	1964
Belleville City of								
Belleville (Republic)	1	0.6	0.8	0.6	IC	FO2	Nat Gas	1946
	2	0.6	0.6	0.6	IC	FO2	Nat Gas	1946
	3	0.3	0.3	0.3	IC	FO2	Nat Gas	1946
	4	1.0	1.0	1.0	IC	FO2	Nat Gas	1955
	5	1.8	1.8	1.8	IC	FO2	Nat Gas	1961
	6	3.8	3.8	3.8	IC	FO2	Nat Gas	1966
	7	5.1	5.1	5.1	IC	FO2	Nat Gas	1971
Beloit City of								
Beloit (Mitchell)	1	1.5	1.0	1.0	IC	FO2	Nat Gas	1951
	2	1.5	1.0	1.0	IC	FO2	Nat Gas	1951
	3	2.0	2.0	2.0	IC	FO2	Nat Gas	1961
	4	3.5	3.3	3.3	IC	FO2	Nat Gas	1964
	5	0.8	0.7	0.7	IC	FO2	Nat Gas	1950
	6	4.1	3.8	3.8	IC	FO2	Nat Gas	1971
	7	6.0	6.0	6.0	IC	FO2	Nat Gas	1980
Bowersock Mills & Power Co								
Lawrence (Douglas)	1	0.3	0.3	0.3	HC	Water		1919
	2	0.3	0.3	0.3	HC	Water		1922
	3	0.3	0.3	0.3	HC	Water		1922
	4	0.3	0.3	0.3	HC	Water		1922
	5	0.3	0.3	0.3	HC	Water		1925
	6	0.3	0.3	0.3	HC	Water		1925
	7	0.3	0.3	0.3	HC	Water		1925
Burlingame City of								
Burlingame (Osage)	1	1.1	1.1	1.1	IC	FO2	Nat Gas	1973
	2	0.6	0.4	0.5	IC	FO2	Nat Gas	1951

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Kansas								
Burlingame City of	3	0.9	0.8	0.9	IC	FO2	Nat Gas	1963
	4	1.1	1.1	1.1	IC	FO2	Nat Gas	1969
	5	0.9	0.8	0.9	IC	FO2	Nat Gas	1980
Burlington City of Burlington (Coffey)	IC6	4.8	4.8	4.8	IC	Nat Gas	FO2	1983
	1	0.3	0.3	0.3	IC	FO2		1935
	2	1.3	1.3	1.3	IC	Nat Gas	FO2	1962
	3	0.8	0.8	0.8	IC	Nat Gas	FO2	1954
	4	0.3	0.3	0.3	IC	FO2		1946
	5	1.0	1.0	1.0	IC	Nat Gas	FO2	1955
Centel Corp Arthur Mullergren (Barton)	3	81.6	89.3	89.3	ST	Nat Gas	FO5	1963
Cimarron River (Seward)	1	50.0	58.0	58.0	ST	Nat Gas		1963
	2	15.0	14.0	14.0	GT	Nat Gas		1967
Clifton (Washington)	1	85.0	70.0	70.0	GT	Nat Gas	FO2	1974
	2	3.0	2.5	2.5	IC	FO2		1974
Judson Large (Ford)	4	148.8	141.3	141.3	ST	Nat Gas	FO5	1969
Chanute City of Chanute 1 (Neosho)	4	4.0	4.0	4.2	ST	Nat Gas	FO6	1949
	5	1.7	1.5	1.7	IC	Nat Gas	FO2	1955
	6	10.0	9.8	10.0	ST	Nat Gas	FO6	1957
Chanute 2 (Neosho)	7	2.0	2.0	2.0	IC	Nat Gas	FO2	1965
	8	2.0	2.0	2.0	IC	Nat Gas	FO2	1965
Chanute 3 (Neosho)	10	7.0	6.8	6.8	IC	FO2	Nat Gas	1986
	11	7.0	6.9	6.9	IC	FO2	Nat Gas	1986
	9	7.0	6.9	6.9	IC	FO2	Nat Gas	1985
Clay Center City of Clay Center (Clay)	IC1	0.9	0.9	0.9	IC	Nat Gas	FO2	1958
	IC2	2.1	2.1	2.1	IC	Nat Gas	FO2	1966
	IC3	5.1	5.0	5.0	IC	Nat Gas	FO2	1972
	4	1.5	1.5	1.4	ST	Nat Gas	FO2	1942
	5	3.0	3.0	3.0	ST	Nat Gas	FO2	1948
	6	5.0	5.0	5.0	ST	Nat Gas	FO2	1961
Coffeyville City of Coffeyville (Montgomery)	1	3.0	72.0[2]	72.0[2]	ST	Nat Gas	FO6	1926
	2	2.0	-[2]	-[2]	ST	Nat Gas	FO6	1925
	3	1.5	-[2]	-[2]	ST	Nat Gas	FO6	1921
	4	5.0	-[2]	-[2]	ST	Nat Gas	FO6	1937
	5	10.0	-[2]	-[2]	ST	Nat Gas	FO6	1949
	6	18.5	-[2]	-[2]	ST	Nat Gas	FO6	1956
	7	40.0	-[2]	-[2]	ST	Nat Gas	FO6	1973
Colby City of Colby (Thomas)	3	2.5	1.8	1.8	IC	FO2	Nat Gas	1963
	4	1.8	1.3	1.3	IC	FO2	Nat Gas	1958
	5	1.4	1.0	1.0	IC	FO2	Nat Gas	1958
	6	4.5	3.5	3.5	IC	FO2	Nat Gas	1971
	7	4.5	3.5	3.5	IC	FO2	Nat Gas	1971
	8	2.8	2.5	2.5	IC	FO2	Nat Gas	1971
Ellinwood City of Ellinwood (Barton)	1	0.6	0.5	0.5	IC	FO2	Nat Gas	1948
	2	1.1	1.0	1.0	IC	FO2	Nat Gas	1953
	3	1.4	1.3	1.3	IC	FO2	Nat Gas	1957
	4	2.1	1.9	1.9	IC	FO2	Nat Gas	1965
	5	3.3	3.0	3.0	IC	FO2	Nat Gas	1971
Empire District Electric Co Riverton (Cherokee)	10	15.6	16.5	16.5	CT	Nat Gas	FO2	1988
	11	15.6	16.5	16.5	GT	Nat Gas	FO2	1988
	3	10.0	11.0	11.0	ST	Nat Gas	FO6	1923
	4	12.5	9.0	9.0	ST	Nat Gas	FO6	1941

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Kansas								
Empire District Electric Co								
	6	25.0	31.5	31.5	ST	Nat Gas	FO6	1939
	7	37.5	38.1	38.1	CA	BIT	SUB	1950
	8	50.0	53.2	53.2	CA	BIT	SUB	1954
	9	12.5	14.5	14.5	CT	Nat Gas	FO2	1964
Erie City of Erie (Neosho)	1	0.7	0.5	0.5	IC	FO2	Nat Gas	1953
	2	0.4	0.3	0.3	IC	FO2	Nat Gas	1951
	3	1.3	1.1	1.1	IC	FO2	Nat Gas	1958
	4	1.5	1.3	1.3	IC	FO2	Nat Gas	1964
Fredonia City of Fredonia (Wilson)	IC5	0.9	0.9	0.9	IC	FO2	Nat Gas	1978
	IC6	0.9	0.9	0.9	IC	FO2	Nat Gas	1978
	IC7	0.7	0.7	0.7	IC	FO2	Nat Gas	1978
	IC8	0.9	0.9	0.9	IC	FO2	Nat Gas	1980
	IC9	0.9	0.8	0.8	IC	FO2	Nat Gas	1980
	1	0.9	0.8	0.8	IC	FO2	Nat Gas	1948
	2	1.3	1.3	1.3	IC	FO2	Nat Gas	1953
	3	0.4	0.3	0.3	IC	FO2	Nat Gas	1927
	4	0.6	0.5	0.5	IC	FO2	Nat Gas	1931
Garnett City of Garnett (Anderson)	IC5	2.4	2.2	2.2	IC	Nat Gas	FO2	1981
	IC6	2.5	2.3	2.3	IC	FO2		1978
	1	1.5	1.4	1.4	IC	Nat Gas	FO2	1961
	2	0.4	0.4	0.4	IC	FO2		1930
	3	1.5	1.4	1.4	IC	Nat Gas	FO2	1955
	4	1.0	0.9	0.9	IC	Nat Gas	FO2	1948
Girard City of Girard (Crawford)	1	1.5	1.5	1.5	IC	FO2	Nat Gas	1955
	2	0.8	0.7	0.8	IC	FO2		1948
	3	0.5	0.4	0.5	IC	FO2		1937
	4	2.0	1.8	2.0	IC	FO2	Nat Gas	1962
Goodland City of Goodland (Sherman)	10	2.1	1.8	2.1	IC	Nat Gas	FO2	1971
	11	4.3	3.8	4.3	IC	Nat Gas	FO2	1978
	3	0.8	0.8	0.8	IC	FO2		1939
	4	1.0	0.9	1.0	IC	Nat Gas	FO2	1947
	5	1.3	1.0	1.3	IC	Nat Gas	FO2	1950
	6	2.3	2.0	2.3	IC	Nat Gas	FO2	1962
	7	2.3	2.0	2.3	IC	Nat Gas	FO2	1966
	8	5.0	4.8	5.0	IC	Nat Gas	FO2	1975
	9	2.1	1.8	2.1	IC	Nat Gas	FO2	1970
Greensburg City of Greensburg (Kiowa)	1	2.1	2.0	2.0	IC	Nat Gas	FO2	1966
	2	0.7	0.5	0.5	IC	Nat Gas	FO2	1949
	3	1.1	1.1	1.1	IC	Nat Gas	FO2	1963
	4	1.1	1.1	1.1	IC	Nat Gas	FO2	1956
	5	2.1	1.9	1.9	IC	Nat Gas	FO2	1972
	6	1.4	1.3	1.3	IC	Nat Gas	FO2	1983
Herington City of Herington (Dickinson)	1	2.1	1.6	1.8	IC	Nat Gas	FO2	1968
	2	1.4	1.0	1.1	IC	Nat Gas	FO2	1962
	3	4.3	3.1	3.5	IC	Nat Gas	FO2	1973
	4	0.8	0.6	0.6	IC	FO2		1947
	5	1.1	1.0	1.0	IC	Nat Gas	FO2	1951
Herndon City of City Light Plant (Rawlins)	1	0.3	0.3	0.3	IC	FO2		1950

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Kansas								
Hill City City of Hill City (Graham)	1	1.4	1.2	1.2	IC	Nat Gas	FO2	1962
	2	1.4	1.2	1.2	IC	Nat Gas	FO2	1962
	3	0.7	0.6	0.6	IC	Nat Gas	FO2	1952
	4	1.1	1.0	1.0	IC	Nat Gas	FO2	1967
	5	1.4	1.3	1.3	IC	Nat Gas	FO2	1974
	6	1.4	1.3	1.3	IC	Nat Gas	FO2	1974
Hoisington City of Hoisington (Barton)	1	0.2	0.2	0.2	IC	FO2		1940
	2	0.6	0.6	0.6	IC	Nat Gas	FO2	1952
	4	0.8	0.8	0.8	IC	Nat Gas	FO2	1947
	5	1.4	1.4	1.4	IC	Nat Gas	FO2	1955
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1961
	7	4.0	4.0	4.0	IC	Nat Gas	FO2	1966
	8	7.0	7.0	7.0	IC	Nat Gas	FO2	1981
Holton City of Holton (Jackson)	10	2.0	1.8	2.0	IC	FO2	Nat Gas	1978
	5	0.9	0.7	0.9	IC	FO2	Nat Gas	1951
	6	1.8	1.4	1.8	IC	FO2	Nat Gas	1958
	7	2.8	2.4	2.7	IC	FO2	Nat Gas	1963
	8	4.3	3.9	4.0	IC	FO2	Nat Gas	1969
	9	2.0	1.8	2.0	IC	FO2	Nat Gas	1978
Hugoton City of Hugoton 1 (Stevens)	1	0.8	0.6	0.6	IC	FO2	Nat Gas	1949
	2	0.2	0.1	0.1	IC	FO2	Nat Gas	1929
	4	0.4	0.4	0.4	IC	FO2	Nat Gas	1940
	5	1.0	0.7	0.7	IC	FO2	Nat Gas	1953
	6	1.4	1.2	1.2	IC	FO2	Nat Gas	1959
Hugoton 2 (Stevens)	10	4.3	4.0	4.0	IC	FO2	Nat Gas	1983
	7	2.3	2.1	2.1	IC	FO2	Nat Gas	1964
	8	2.1	1.8	1.8	IC	FO2	Nat Gas	1971
	9	5.1	4.3	4.3	IC	FO2	Nat Gas	1977
Iola City of Iola (Allen)	10	2.8	2.9	2.9	IC	FO2		1981
	11	2.1	2.2	2.2	IC	FO2		1987
	12	2.1	2.0	2.0	IC	FO2		1987
	13	2.1	1.9	2.2	IC	FO2		1987
	3	2.0	2.0	2.0	ST	Nat Gas		1941
	4	3.5	3.4	3.4	ST	Nat Gas	FO5	1949
	5	5.0	5.4	5.4	ST	Nat Gas	FO5	1957
	6	2.8	3.0	3.0	IC	FO2		1969
	7	2.7	2.9	2.9	IC	FO2		1971
	8	2.8	3.0	3.0	IC	FO2		1976
	9	2.8	3.0	3.0	IC	FO2		1977
Jetmore City of Jetmore (Hodgeman)	1	1.0	1.0	1.0	IC	FO2	Nat Gas	1960
	2	0.4	0.4	0.4	IC	FO2	Nat Gas	1951
	3	0.2	0.2	0.2	IC	FO2	Nat Gas	1946
	4	0.8	0.8	0.8	IC	FO2	Nat Gas	1964
	5	1.5	1.5	1.5	IC	FO2	Nat Gas	1966
	6	1.2	1.2	1.2	IC	FO2		1966
	7	0.9	0.9	0.9	IC	FO2		1966
Johnson City of Johnson (Stanton)	IC6	1.5	1.3	1.3	IC	FO2	Nat Gas	1986
	1	0.6	0.6	0.6	IC	FO2	Nat Gas	1959
	2	1.0	0.8	0.8	IC	FO2	Nat Gas	1963
	3	1.5	1.0	1.0	IC	FO2	Nat Gas	1976
	4	0.5	0.2	0.2	IC	FO2	Nat Gas	1954
	5	0.4	0.3	0.3	IC	FO2	Nat Gas	1950
	7	1.5	1.3	1.3	IC	FO2	Nat Gas	1983

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Kansas								
Kansas City City of								
Kaw (Wyandotte)	1	46.0	37.0	37.0	ST	BIT	Nat Gas	1955
	2	50.0	37.0	37.0	ST	BIT	Nat Gas	1957
	3	65.3	55.0	55.0	ST	BIT	Nat Gas	1962
Nearman Creek (Wyandotte)	1	261.0	235.0	235.0	ST	BIT	FO2	1981
Quindaro (Wyandotte)	GT1	15.3	14.0	14.0	GT	FO2		1969
	GT2	65.5	45.0	45.0	GT	FO2		1974
	GT3	64.7	45.0	45.0	GT	FO2		1977
	ST1	81.6	73.0	73.0	ST	BIT	Nat Gas	1966
	ST2	157.5	135.0	135.0	ST	BIT	Nat Gas	1971
Kansas City Power & Light Co								
La Cygne (Linn)	1*	893.4	686.0	686.0	ST	BIT	FO2	1973
	2*	685.2	630.0	630.0	ST	SUB	FO2	1977
Kansas Gas & Electric Co								
Gordon Evans (Sedgwick)	1	149.6	149.7	149.7	ST	Nat Gas	FO6	1961
	2	389.7	360.3	360.3	ST	Nat Gas	FO6	1967
Murray Gill (Sedgwick)	1	46.0	44.7	44.7	ST	Nat Gas	FO6	1952
	2	75.0	73.2	73.2	ST	Nat Gas	FO6	1954
	3	113.6	101.1	101.1	ST	Nat Gas	FO6	1956
	4	113.6	105.1	105.1	ST	Nat Gas	FO6	1959
Neosho (Labette)	3	73.5	70.5	72.0	ST	Nat Gas	FO6	1954
Wichita (Sedgwick)	5	2.9	2.8	2.8	IC	FO2		1969
Kansas Power & Light Co								
Abilene (Dickinson)	GT1	86.0	67.0	67.0	GT	Nat Gas	FO2	1973
Hutchinson (Reno)	GT1	79.1	50.0	50.0	GT	Nat Gas	FO2	1974
	GT2	79.1	50.0	50.0	GT	Nat Gas	FO2	1974
	GT3	79.1	50.0	50.0	GT	Nat Gas	FO2	1974
	GT4	84.3	80.0	80.0	GT	FO2		1975
	ST1	27.1	19.0	19.0	ST	Nat Gas	FO6	1950
	ST2	26.5	19.0	19.0	ST	Nat Gas	FO6	1950
	ST3	40.6	30.0	30.0	ST	Nat Gas	FO6	1951
	ST4	202.0	190.0	190.0	ST	Nat Gas	FO6	1965
Jeffrey Energy Centr (Pottawatomie)	1*	720.0	664.0	664.0	ST	SUB		1978
	2*	720.0	672.0	672.0	ST	SUB		1980
	3*	720.0	680.0	680.0	ST	SUB		1983
Lawrence (Douglas)	ST1	10.0	7.0	7.0	ST	BIT	Nat Gas	1939
	2	44.1	31.0	31.0	ST	Nat Gas	FO6	1952
	3	61.3	56.0	56.0	ST	BIT	Nat Gas	1954
	4	134.7	107.0	107.0	ST	BIT	Nat Gas	1960
	5	448.0	348.0	348.0	ST	BIT	Nat Gas	1971
Tecumseh (Shawnee)	1	32.0	18.0	18.0	GT	Nat Gas	FO2	1972
	2	32.0	19.0	19.0	GT	Nat Gas	FO2	1972
	7	96.0	76.0	76.0	ST	BIT	Nat Gas	1957
	8	176.0	125.0	125.0	ST	BIT	Nat Gas	1962
Kingman City of								
Kingman (Kingman)	1	1.4	1.2	1.2	IC	FO2	Nat Gas	1955
	2	2.3	1.9	2.0	IC	FO2	Nat Gas	1962
	3	0.4	0.4	0.4	IC	FO2	Nat Gas	1939
	4	2.2	1.9	2.0	IC	FO2	Nat Gas	1977
	5	1.0	0.8	0.9	IC	FO2	Nat Gas	1953
	6	3.5	3.4	3.4	IC	FO2	Nat Gas	1969
	7	2.4	2.1	2.1	IC	FO2	Nat Gas	1979
	8	2.5	2.4	2.4	IC	FO2	Nat Gas	1984
La Crosse City of								
La Crosse (Rush)	1	0.7	0.7	0.7	IC	FO2	Nat Gas	1962
	2	0.7	0.9	0.9	IC	FO2	Nat Gas	1964
	3	0.7	0.8	0.6	IC	FO2	Nat Gas	1950
	4	0.3	0.3	0.3	IC	FO2	Nat Gas	1938
	5	1.9	1.5	1.5	IC	FO2	Nat Gas	1968
	6	2.0	1.5	1.5	IC	FO2	Nat Gas	1975

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Kansas								
Larned City of								
Gas Turbine (Pawnee)	GT1	1.3	1.0	1.0	GT	Nat Gas		1955
	IC5	6.5	6.0	6.0	IC	FO2	Nat Gas	1976
Larned (Pawnee)	1	1.5	1.5	1.5	ST	Nat Gas	FO6	1939
	2	3.0	3.0	3.0	ST	Nat Gas	FO6	1948
	3	8.3	9.0	9.0	ST	Nat Gas	FO6	1966
Lincoln Center City of								
Lincoln (Lincoln)	1	1.3	1.1	1.1	IC	Nat Gas	FO2	1964
	2	1.3	1.1	1.1	IC	Nat Gas	FO2	1964
	4	0.8	0.6	0.6	IC	Nat Gas	FO2	1958
	5	1.3	1.1	1.1	IC	Nat Gas	FO2	1960
	6	2.5	2.2	2.2	IC	FO2	Nat Gas	1979
	7	3.5	3.0	3.0	IC	FO2	Nat Gas	1974
McPherson City of								
McPherson 1 (McPherson)	IC1	1.0	1.0	1.0	IC	FO2		1949
	ST1	5.0	5.0	5.0	ST	Nat Gas	FO2	1948
	2	7.5	7.5	7.5	ST	Nat Gas	FO2	1952
	3	10.0	10.0	10.0	ST	Nat Gas	FO2	1958
McPherson 2 (McPherson)	GT1	56.4	52.9	60.0	GT	Nat Gas	FO2	1973
	GT2	56.4	50.9	60.0	GT	FO2		1976
	GT3	57.6	52.0	60.0	GT	Nat Gas	FO2	1979
	1	26.6	26.6	26.6	ST	Nat Gas	FO6	1963
Meade City of								
Meade (Meade)	1	0.5	0.4	0.5	IC	FO2	Nat Gas	1948
	2	0.9	0.8	0.9	IC	FO2	Nat Gas	1951
	3	1.1	1.1	1.1	IC	FO2	Nat Gas	1957
	4	1.4	1.3	1.4	IC	FO2	Nat Gas	1961
	5	2.1	2.0	2.2	IC	FO2	Nat Gas	1965
	6	2.7	2.5	2.7	IC	FO2	Nat Gas	1972
Midwest Energy Inc								
Atwood (Rawlins)	1	0.5	0.6	0.6	IC	FO2		1947
	2	0.6	0.4	0.4	IC	FO2		1949
Bird City (Cheyenne)	1	2.0	2.0	2.0	IC	FO2		1965
	2	2.0	2.0	2.0	IC	FO2		1966
Colby (Thomas)	GT1	16.3	13.0	13.0	GT	Nat Gas	FO2	1970
	1	6.0	5.8	5.8	ST	Nat Gas	FO2	1951
	2	6.0	5.8	5.8	ST	Nat Gas	FO2	1955
Ellis (Ellis)	1	1.5	1.4	1.4	IC	Nat Gas	FO2	1960
	2	2.1	1.8	1.8	IC	Nat Gas	FO2	1965
	3	0.6	0.5	0.5	IC	Nat Gas	FO2	1947
	4	0.6	0.6	0.6	IC	Nat Gas	FO2	1954
	5	1.6	1.0	1.0	IC	Nat Gas	FO2	1973
Great Bend (Barton)	1	1.0	0.9	0.9	IC	Nat Gas	FO2	1947
	2	1.0	0.9	0.9	IC	Nat Gas	FO2	1947
	3	1.2	1.0	1.0	IC	Nat Gas	FO2	1949
	4	1.2	1.0	1.0	IC	Nat Gas	FO2	1949
	5	3.1	2.9	2.9	IC	Nat Gas	FO2	1954
	6	3.1	2.9	2.9	IC	Nat Gas	FO2	1954
Hays (Ellis)	1	6.0	5.8	5.8	ST	Nat Gas	FO6	1948
	2	7.5	7.6	7.6	ST	Nat Gas	FO6	1957
Hoxie (Sheridan)	1	0.6	0.5	0.5	IC	FO2		1947
	2	0.6	0.5	0.5	IC	FO2		1947
	3	0.6	0.5	0.5	IC	FO2		1949
	4	0.6	0.5	0.5	IC	FO2		1949
Ross Beach (Graham)	1	11.5	12.0	12.0	ST	Nat Gas	FO6	1954
	2	25.0	22.7	22.7	ST	Nat Gas	FO6	1960
Wakeeney (Trego)	1	0.6	0.6	0.6	IC	FO2		1947
	2	0.6	0.6	0.6	IC	FO2		1947
Minneapolis City of								
Minneapolis (Ottawa)	1	0.4	0.4	0.4	IC	FO2		1936
	2	0.7	0.5	0.5	IC	Nat Gas	FO2	1947
	3	1.3	1.2	1.2	IC	Nat Gas	FO2	1961
	4	0.7	0.6	0.6	IC	Nat Gas	FO2	1955

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Kansas								
Minneapolis City of								
	5	2.1	1.8	1.8	IC	Nat Gas	FO2	1966
	6	3.0	2.8	2.8	IC	Nat Gas	FO2	1972
Mulvane City of								
Mulvane (Sedgwick)	1	0.4	0.4	0.4	IC	FO2		1949
	2	0.3	0.3	0.4	IC	FO2		1945
	3	1.4	1.7	1.7	IC	Nat Gas	FO2	1963
	4	1.4	1.8	1.8	IC	FO2	Nat Gas	1958
	5	0.8	0.9	0.9	IC	FO2	Nat Gas	1967
	6	2.1	2.5	2.5	IC	FO2	Nat Gas	1967
Neodesha City of								
Neodesha (Wilson)	5	1.3	1.0	1.0	IC	FO2	Nat Gas	1952
	6	2.3	2.2	2.2	IC	FO2	Nat Gas	1956
	7	2.0	2.0	2.0	IC	FO2	Nat Gas	1962
	8	2.7	2.6	2.6	IC	FO2	Nat Gas	1968
Norton City of								
Norton (Norton)	1	1.0	0.9	0.9	IC	Nat Gas	FO2	1955
	2	1.5	1.4	1.4	IC	Nat Gas	FO2	1960
	3	2.8	2.5	2.5	IC	Nat Gas	FO2	1963
	4	3.5	3.2	3.2	IC	Nat Gas	FO2	1968
	5	2.5	2.3	2.3	IC	FO2		1977
Oakley City of								
Oakely (Logan)	1	1.4	1.3	1.3	IC	FO2	Nat Gas	1961
	2	0.4	0.3	0.4	IC	FO2		1948
	3	0.6	0.5	0.5	IC	FO2	Nat Gas	1951
	4	0.9	0.9	0.9	IC	FO2	Nat Gas	1956
	5	1.5	1.4	1.5	IC	FO2	Nat Gas	1965
	6	3.4	3.2	3.3	IC	FO2	Nat Gas	1973
Oberlin City of								
Oberlin (Decatur)	1	1.1	0.9	0.9	IC	Nat Gas	FO2	1955
	2	0.8	0.6	0.6	IC	Nat Gas	FO2	1953
	4	1.5	1.2	1.2	IC	Nat Gas	FO2	1967
	5	2.0	1.6	1.6	IC	Nat Gas	FO2	1973
	6	1.5	1.2	1.2	IC	Nat Gas	FO2	1963
Osage City City of								
Osage City (Osage)	IC6	1.1	0.9	0.9	IC	FO2	Nat Gas	1983
	1	1.1	0.9	0.9	IC	FO2	Nat Gas	1955
	2	1.3	1.1	1.1	IC	FO2	Nat Gas	1960
	3	0.7	0.4	0.5	IC	FO2	Nat Gas	1946
	4	2.1	1.9	1.8	IC	FO2	Nat Gas	1967
	5	2.1	1.9	1.9	IC	FO2	Nat Gas	1970
	7	1.8	1.5	1.5	IC	FO2	Nat Gas	1984
Osawatomie City of								
Osawatomie (Miami)	2	2.3	1.8	1.9	IC	FO2	Nat Gas	1957
	3	0.4	0.3	0.3	IC	FO2		1934
	4	1.2	1.0	1.0	IC	FO2	Nat Gas	1950
	5	3.1	2.8	2.8	IC	FO2	Nat Gas	1966
Osborne City of								
Osborne (Osborne)	1	2.3	1.8	2.0	IC	FO2	Nat Gas	1967
	2	2.0	1.8	2.0	IC	FO2	Nat Gas	1963
	3	1.1	0.7	0.9	IC	FO2	Nat Gas	1957
Ottawa City of								
Ottawa (Franklin)	GT1	11.5	9.0	10.5	GT	Nat Gas	FO2	1967
	IC3	3.8	3.5	3.7	IC	FO2	Nat Gas	1962
	IC4	3.5	3.0	3.4	IC	FO2	Nat Gas	1958
	IC6	6.0	6.0	6.0	IC	FO2	Nat Gas	1981
	IC7	6.0	6.0	6.0	IC	FO2	Nat Gas	1981

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Kansas								
Pratt City of Pratt (Pratt)	IC1	1.5	1.5	1.5	IC	FO2	Nat Gas	1957
	1	3.0	3.0	3.1	ST	FO2	Nat Gas	1938
	3	5.0	5.8	5.8	ST	FO2	Nat Gas	1953
	5	14.0	13.0	14.0	ST	FO2	Nat Gas	1964
Russell City of Russell (Russell)	1	3.4	2.7	2.8	IC	Nat Gas	FO2	1956
	2	3.0	2.5	2.5	IC	Nat Gas	FO2	1958
	3	0.8	0.5	0.6	IC	Nat Gas	FO2	1957
	4	5.0	4.5	4.5	IC	Nat Gas	FO2	1965
	5	2.5	1.8	1.8	IC	Nat Gas	FO2	1951
	7	3.5	3.0	3.0	IC	Nat Gas	FO2	1971
	8	2.5	2.5	2.5	IC	FO2		1978
	9	2.5	2.5	2.5	IC	FO2		1981
Sabetha City of Sabetha (Nemaha)	IC9	1.1	1.0	1.0	IC	FO2	Nat Gas	1985
	1	0.6	0.4	0.4	IC	FO2		1937
	2	1.5	1.3	1.3	IC	FO2	Nat Gas	1957
	3	0.8	0.6	0.6	IC	FO2	Nat Gas	1947
	4	1.0	0.8	0.8	IC	FO2	Nat Gas	1950
	5	1.4	1.3	1.3	IC	FO2	Nat Gas	1961
	6	1.4	1.3	1.3	IC	FO2	Nat Gas	1967
	7	2.2	1.8	1.8	IC	FO2	Nat Gas	1970
	8	2.5	2.1	2.1	IC	FO2	Nat Gas	1978
Sharon Springs City of Sharon Spring (Wallace)	1	1.0	0.9	1.0	IC	FO2	Nat Gas	1970
	2	1.0	1.0	1.0	IC	FO2	Nat Gas	1964
	3	0.4	0.4	0.4	IC	FO2	Nat Gas	1958
	4	0.7	0.6	0.6	IC	FO2	Nat Gas	1951
St Francis City of St Francis (Cheyenne)	2	1.5	1.5	1.5	IC	FO1	Nat Gas	1964
	3	0.8	0.8	0.8	IC	FO1	Nat Gas	1960
	4	2.7	2.7	2.7	IC	FO1	Nat Gas	1972
	5	0.9	0.9	0.9	IC	FO1	Nat Gas	1953
St John City of St John (Stafford)	1	0.4	0.4	0.4	IC	FO2	Nat Gas	1949
	3	0.9	0.9	0.9	IC	FO2	Nat Gas	1952
	4	1.7	1.7	1.7	IC	FO2	Nat Gas	1965
	5	2.0	2.0	2.2	IC	FO2	Nat Gas	1982
Stafford City of Stafford (Stafford)	1	0.9	0.9	0.9	IC	FO2	Nat Gas	1960
	2	0.9	0.9	0.9	IC	FO2	Nat Gas	1953
	3	0.8	0.8	0.8	IC	FO2	Nat Gas	1958
	4	1.4	1.4	1.4	IC	FO2	Nat Gas	1973
	5	1.1	1.1	1.1	IC	FO2	Nat Gas	1983
Sterling City of Sterling (Rice)	1	1.5	1.4	1.4	IC	FO2	Nat Gas	1962
	2	0.6	0.5	0.5	IC	FO2	Nat Gas	1950
	3	3.0	2.2	2.2	IC	FO2	Nat Gas	1972
	4	1.1	0.8	0.8	IC	FO2	Nat Gas	1955
Stockton City of Stockton (Rooks)	1	1.1	0.9	1.1	IC	Nat Gas	FO2	1967
	2	1.1	0.9	1.1	IC	Nat Gas	FO2	1962
	3	2.1	1.9	2.0	IC	Nat Gas	FO2	1971
	4	0.6	0.5	0.5	IC	Nat Gas	FO2	1951
	5	1.4	1.1	1.3	IC	Nat Gas	FO2	1955
Sunflower Electric Coop Inc Garden City (Finney)	S2	97.9	85.0	88.0	ST	Nat Gas	FO2	1972
	S3	16.0	12.0	13.0	GT	Nat Gas	FO2	1968

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Kansas								
Sunflower Electric Coop Inc								
	S4	61.1	50.0	55.0	GT	Nat Gas	FO2	1976
	S5	61.1	50.0	55.0	GT	Nat Gas	FO2	1979
	1	3.5	4.0	4.0	ST	Nat Gas	FO2	1948
	2	7.5	7.0	7.0	ST	Nat Gas	FO2	1953
	3	11.5	11.0	11.0	ST	Nat Gas	FO2	1962
Holcomb (Finney)	1	319.4	296.0	296.0	ST	SUB	Nat Gas	1983
USCE-Kansas City District								
Wilson (Russell)	1	0.0	0.0	0.0	WT	Wind		1984
	2	0.0	0.0	0.0	WT	Wind		1984
Wamego City of								
Wamego (Pottawatomie)	1	1.3	1.1	1.3	IC	FO2	Nat Gas	1963
	3	1.3	1.1	1.3	IC	FO2	Nat Gas	1972
	4	1.1	1.0	1.1	IC	FO2	Nat Gas	1956
	5	2.0	1.8	2.0	IC	FO2	Nat Gas	1966
	6	2.4	2.2	2.4	IC	FO2	Nat Gas	1979
Washington City of								
Washington (Washington)	IC4	2.6	2.3	2.4	IC	FO2	Nat Gas	1986
	1	1.2	1.0	1.0	IC	FO2	Nat Gas	1963
	2	1.0	0.8	0.8	IC	FO2	Nat Gas	1958
	3	0.9	0.7	0.8	IC	FO2	Nat Gas	1978
	5	0.7	0.4	0.5	IC	FO2	Nat Gas	1953
	6	1.5	1.3	1.4	IC	FO2	Nat Gas	1967
	7	1.1	0.9	1.0	IC	FO2		1976
Wellington City of								
Wellington (Sumner)	4	20.0	19.5	19.5	ST	Nat Gas	FO2	1972
	5	1.0	1.0	1.0	IC	Nat Gas	FO2	1956
	6	20.0	21.0	21.0	GT	Nat Gas	FO1	1987
Winfield City of								
East 12th St (Cowley)	4	27.0	27.2	27.2	ST	Nat Gas	FO2	1970
West 14th St. (Cowley)	GT1	11.0	11.3	11.5	GT	Nat Gas	FO2	1962
	1	10.0	12.5	12.8	ST	Nat Gas	FO5	1957
	2	5.0	6.2	6.3	ST	Nat Gas	FO5	1952
	3	3.0	3.4	3.5	ST	Nat Gas	FO5	1939
Wolf Creek Nuclear Oper Corp								
Wolf Creek (Coffey)	1*	1235.8	1128.0	1158.0	NP	Uranium		1985
Kentucky								
Big Rivers Electric Corp								
Coleman (Hancock)	1	174.3	150.0	150.0	ST	BIT		1969
	2	174.3	150.0	150.0	ST	BIT		1970
	3	172.8	155.0	155.0	ST	BIT		1971
D B Wilson (Ohio)	1	500.5	420.0	420.0	ST	BIT		1984
HMP&L Station 2 (Henderson)	1*	180.0	154.0	154.0	ST	BIT		1973
	2*	184.5	161.0	161.0	ST	BIT		1974
R D Green (Webster)	1	263.7	231.0	231.0	ST	BIT		1979
	2	263.7	223.0	223.0	ST	BIT		1980
Robert Reid (Henderson)	GT1	66.4	65.0	65.0	GT	FO2		1975
	1	81.6	65.0	65.0	ST	BIT		1965
Cincinnati Gas & Electric Co								
East Bend (Boone)	2*	669.3	600.0	600.0	ST	BIT		1980
East Kentucky Power Coop Inc								
Cooper (Pulaski)	1	100.0	116.0	116.0	ST	BIT		1964
	2	220.9	220.0	220.0	ST	BIT		1969
Dale (Clark)	1	22.0	20.0	20.0	ST	BIT		1954
	2	22.0	20.0	20.0	ST	BIT		1954
	3	66.0	66.0	66.0	ST	BIT		1957
	4	66.0	66.0	66.0	ST	BIT		1960

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Kentucky								
East Kentucky Power Coop Inc								
H L Spurlock (Mason)	1	305.2	300.0	300.0	ST	BIT		1977
	2	508.3	500.0	500.0	ST	BIT		1981
Henderson City of								
Henderson I (Henderson)	1	1.2	1.0	1.0	IC	Nat Gas	FO2	1948
	2	1.2	1.0	1.0	IC	Nat Gas	FO2	1948
	5	11.5	10.0	10.0	ST	BIT		1956
	6	32.3	26.0	26.0	ST	BIT		1968
Kentucky Power Co								
Big Sandy (Lawrence)	1	280.5	260.0	260.0	ST	BIT		1962
	2	816.3	800.0	800.0	ST	BIT		1969
Kentucky Utilities Co								
Dix Dam (Garrard)	1	9.4	8.0	8.0	HC	Water		1925
	2	9.4	8.0	8.0	HC	Water		1925
	3	9.4	8.0	8.0	HC	Water		1925
E W Brown (Mercer)	1	113.6	101.0	103.0	ST	BIT		1957
	2	179.5	165.0	167.0	ST	BIT		1963
	3	446.4	389.0	397.0	ST	BIT		1971
Ghent (Carroll)	1	556.9	492.0	501.0	ST	BIT		1974
	2	556.4	487.0	492.0	ST	BIT		1976
	3	556.6	504.0	510.0	ST	BIT		1981
	4	556.2	503.0	508.0	ST	BIT		1984
Green River (Muhlenberg)	1	37.5	26.0	29.0	ST	BIT		1950
	2	37.5	27.0	30.0	ST	BIT		1949
	3	75.0	68.0	69.0	ST	BIT		1954
	4	113.6	110.0	112.0	ST	BIT		1959
Haefling (Fayette)	1	20.7	17.0	20.0	GT	FO2	Nat Gas	1970
	2	20.7	16.0	19.0	GT	FO2	Nat Gas	1970
	3	20.7	17.0	20.0	GT	FO2	Nat Gas	1970
Lock 7 (Mercer)	1	0.7	0.7	0.7	HC	Water		1928
	2	0.7	0.7	0.7	HC	Water		1928
	3	0.7	0.7	0.7	HC	Water		1928
Pineville (Bell)	3	37.5	34.0	35.0	ST	BIT		1951
Tyrone (Woodford)	1	31.3	31.0	33.0	ST	FO2		1947
	2	31.3	28.0	32.0	ST	FO2		1948
	3	75.0	72.0	73.0	ST	BIT		1953
Louisville Gas & Electric Co								
Cane Run (Jefferson)	11	16.3	16.0	19.0	GT	Nat Gas	FO2	1968
	3	147.1	115.0	115.0	ST	Nat Gas		1958
	4	163.2	155.0	155.0	ST	BIT		1962
	5	209.4	168.0	168.0	ST	BIT		1966
	6	272.0	240.0	240.0	ST	BIT		1969
Mill Creek (Jefferson)	1	321.1	303.0	303.0	ST	BIT		1972
	2	321.1	301.0	301.0	ST	BIT		1974
	3	410.8	386.0	386.0	ST	BIT		1978
	4	496.2	466.0	466.0	ST	BIT		1982
Ohio Falls (Jefferson)	1	10.0	8.0	4.4	HC	Water		1928
	2	10.0	8.0	4.4	HC	Water		1928
	3	10.0	8.0	4.4	HC	Water		1928
	4	10.0	8.0	4.4	HC	Water		1928
	5	10.0	8.0	4.4	HC	Water		1928
	6	10.0	8.0	4.4	HC	Water		1928
	7	10.0	8.0	4.4	HC	Water		1928
	8	10.0	8.0	4.4	HC	Water		1928
Paddys Run (Jefferson)	11	16.0	17.0	19.0	GT	Nat Gas		1968
	12	32.6	26.0	32.0	GT	Nat Gas		1968
Waterside (Jefferson)	7	20.0	17.0	20.0	GT	Nat Gas		1964
	8	25.0	16.0	19.0	GT	Nat Gas		1964
Zorn (Jefferson)	1	18.0	16.0	18.0	GT	Nat Gas		1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Kentucky								
Owensboro City of								
Elmer Smith (Daviess)	1	151.0	149.0	149.0	ST	BIT		1964
	2	265.0	250.0	250.0	ST	BIT		1973
Paris City of								
Paris (Bourbon)	1	1.4	1.3	1.3	IC	FO2	Nat Gas	1953
	2	1.4	1.3	1.3	IC	FO2	Nat Gas	1954
	3	0.7	0.3	0.3	IC	FO2	Nat Gas	1934
	4	1.0	1.0	1.0	IC	FO2	Nat Gas	1947
	5	1.1	1.2	1.2	IC	FO2	Nat Gas	1950
	6	2.9	2.5	2.5	IC	FO2	Nat Gas	1974
	7	2.9	2.5	2.5	IC	FO2	Nat Gas	1974
Tennessee Valley Authority								
Kentucky (Marshall)	1	37.0	37.0	37.0	HC	Water		1945
	2	32.0	32.0	32.0	HC	Water		1944
	3	32.0	32.0	32.0	HC	Water		1944
	4	37.0	37.0	37.0	HC	Water		1945
	5	37.0	37.0	37.0	HC	Water		1947
Paradise (Muhlenberg)	1	704.0	610.0	641.0	ST	BIT		1963
	2	704.0	610.0	641.0	ST	BIT		1963
	3	1150.2	1000.0	1070.0	ST	BIT		1969
Shawnee (McCracken)	1	175.0	151.0	155.0	ST	BIT		1953
	10	175.0	151.0	155.0	ST	BIT		1956
	2	175.0	151.0	155.0	ST	BIT		1953
	3	175.0	151.0	155.0	ST	BIT		1953
	4	175.0	151.0	155.0	ST	BIT		1953
	5	175.0	151.0	155.0	ST	BIT		1954
	6	175.0	151.0	155.0	ST	BIT		1954
	7	175.0	151.0	155.0	ST	BIT		1954
	8	175.0	151.0	155.0	ST	BIT		1955
	9	175.0	151.0	155.0	ST	BIT		1955
USCE-Nashville District								
Barkley (Lyon)	1	32.5	37.0	37.0	HC	Water		1965
	2	32.5	37.0	37.0	HC	Water		1965
	3	32.5	37.0	37.0	HC	Water		1965
	4	32.5	37.0	37.0	HC	Water		1965
Laurel (Laurel)	1	61.0	70.0	70.0	HC	Water		1977
Wolf Creek (Russell)	1	45.0	52.0	52.0	HC	Water		1952
	2	45.0	52.0	52.0	HC	Water		1952
	3	45.0	52.0	52.0	HC	Water		1951
	4	45.0	52.0	52.0	HC	Water		1951
	5	45.0	52.0	52.0	HC	Water		1951
	6	45.0	52.0	52.0	HC	Water		1951
Louisiana								
Alexandria City of								
D G Hunter (Rapides)	1	17.5	16.5	16.5	ST	Nat Gas	FO2	1957
	2	17.5	16.5	16.5	ST	Nat Gas	FO2	1957
	3	55.0	55.0	55.0	ST	Nat Gas	FO2	1965
	4	85.0	83.5	83.5	ST	Nat Gas	FO2	1973
Cajun Electric Power Coop Inc								
Big Cajun 1 (Pointe Coupee)	1	115.2	105.0	105.0	ST	Nat Gas	FO2	1971
	2	115.2	105.0	105.0	ST	Nat Gas	FO2	1972
Big Cajun 2 (Pointe Coupee)	1	559.1	540.0	540.0	ST	SUB		1981
	2	559.1	540.0	540.0	ST	SUB		1981
	3*	560.0	540.0	540.0	ST	SUB		1983
Central Louisiana Elec Co Inc								
Coughlin (Evangeline)	6	125.0	110.0	110.0	ST	Nat Gas	FO2	1961
	7	243.1	224.0	224.0	ST	Nat Gas	FO2	1966
Dolet Hills (De Soto)	1*	720.8	640.0	640.0	ST	LIG		1985
Franklin (St Mary)	GT1	10.0	8.0	8.0	GT	Nat Gas	FO2	1972
Rodemacher (Rapides)	1	445.5	440.0	440.0	ST	Nat Gas	FO6	1975

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Louisiana								
Central Louisiana Elec Co Inc								
	2*	558.0	523.0	523.0	ST	SUB	MF	1982
Teche (St Mary)	1	25.0	23.0	23.0	ST	Nat Gas		1953
	2	54.4	48.0	48.0	ST	Nat Gas		1956
	3	348.5	359.0	359.0	ST	Nat Gas	FO2	1971
Gueydan Town of								
Gueydan (Vermilion)	1	0.1	0.1	0.1	IC	FO2		1921
	2	0.1	0.1	0.1	IC	FO2		1929
Gulf States Utilities Co								
Louisiana 1 (East Baton Rouge)	1A	23.0	18.5	18.5	ST	Nat Gas	FO2	1951
	2A	62.5	51.0	51.0	ST	Nat Gas	FO2	1954
	3A	62.5	51.0	51.0	ST	Nat Gas	FO2	1954
	4	20.0	18.5	18.5	ST	Nat Gas	FO2	1938
	4A	129.1	90.0	90.0	GT	Nat Gas	FO2	1982
	6	20.0	18.5	18.5	ST	Nat Gas	FO2	1943
Louisiana 2 (East Baton Rouge)	7	50.0	45.0	45.0	ST	Nat Gas		1949
	8	50.0	45.0	45.0	ST	Nat Gas		1950
	9	75.0	64.0	64.0	ST	Nat Gas		1953
R S Nelson (Calcasieu)	1*	113.6	100.0	100.0	ST	Nat Gas	FO2	1959
	2*	113.6	100.0	100.0	ST	Nat Gas	FO2	1959
	3	163.2	146.0	146.0	ST	Nat Gas	FO2	1960
	4	591.8	500.0	500.0	ST	Nat Gas	FO6	1970
	6*	614.6	550.0	550.0	ST	SUB		1982
River Bend (West Feliciana)	1*	1036.0	936.0	936.0	NB	Uranium		1985
Willow Glen (Iberville)	1	163.2	146.0	146.0	ST	Nat Gas	FO2	1960
	2	239.4	198.0	198.0	ST	Nat Gas	FO2	1964
	3	591.8	500.0	500.0	ST	Nat Gas	FO6	1968
	4	591.6	500.0	500.0	ST	Nat Gas	FO6	1973
	5	591.8	550.0	550.0	ST	Nat Gas	FO6	1975
Houma City of								
Houma (Terrebonne)	10	4.5	3.7	3.7	IC	Nat Gas	FO2	1958
	11	4.5	3.7	3.7	IC	Nat Gas	FO2	1958
	12	4.5	3.4	3.4	IC	Nat Gas	FO2	1958
	14	12.7	10.0	10.0	ST	Nat Gas	FO2	1967
	15	25.5	23.5	23.5	ST	Nat Gas		1972
	16	40.8	38.6	38.6	ST	Nat Gas		1976
	7	1.4	1.0	1.0	IC	Nat Gas	FO2	1948
	8	1.4	1.0	1.0	IC	Nat Gas	FO2	1948
	9	2.8	2.5	2.5	IC	Nat Gas	FO2	1953
Lafayette City of								
Doc Bonin (Lafayette)	1	54.4	50.0	50.0	ST	Nat Gas	FO2	1965
	2	100.0	90.0	90.0	ST	Nat Gas	FO2	1969
	3	187.0	178.0	178.0	ST	Nat Gas	FO2	1976
Rodemacher (Lafayette)	3	12.7	12.0	12.0	ST	Nat Gas	FO2	1956
	4	25.0	24.0	24.0	ST	Nat Gas	FO2	1960
Louisiana Power & Light Co								
Buras (Plaquemines)	8	20.7	19.0	19.0	GT	Nat Gas	FO2	1971
Little Gypsy (St Charles)	1	247.8	244.0	244.0	ST	Nat Gas	FO2	1961
	2	420.8	436.0	436.0	ST	Nat Gas	FO2	1965
	3	582.3	573.0	573.0	ST	Nat Gas	FO2	1969
Monroe (Ouachita)	10	25.0	23.0	23.0	ST	Nat Gas	FO2	1961
	11	37.5	41.0	41.0	ST	Nat Gas	FO2	1965
	12	75.0	74.0	74.0	ST	Nat Gas	FO2	1969
Ninemile Point (Jefferson)	1	69.0	74.0	74.0	ST	Nat Gas	FO6	1951
	2	112.5	107.0	107.0	ST	Nat Gas	FO6	1953
	3	169.8	135.0	135.0	ST	Nat Gas	FO6	1955
	4	783.0	748.0	748.0	ST	Nat Gas	FO2	1971
	5	783.0	763.0	763.0	ST	Nat Gas	FO2	1973
Sterlington (Ouachita)	6	247.8	224.0	224.0	ST	Nat Gas	FO6	1958
	7A	65.3	-[2]	-[2]	CT	Nat Gas	FO2	1973
	7B	65.3	-[2]	-[2]	CT	Nat Gas	FO2	1973
	7C	101.3	203.0[2]	203.0[2]	CA	WH	Nat Gas	1974

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Louisiana								
Louisiana Power & Light Co								
Thibodaux (Lafourche)	IC1	2.0	27.0[2]	27.0[2]	IC	FO2		1957
	IC2	2.5	-[2]	-[2]	IC	FO2		1957
	IC3	2.5	-[2]	-[2]	IC	FO2		1957
	IC4	3.0	-[2]	-[2]	IC	FO2		1961
	IC5	3.3	-[2]	-[2]	IC	FO2		1964
	IC6	7.5	-[2]	-[2]	IC	FO2		1967
	IC7	7.5	-[2]	-[2]	IC	FO2		1968
	IC8	7.5	-[2]	-[2]	IC	FO2		1969
	9	21.0	19.0	19.0	ST	Nat Gas		1968
Waterford (St Charles)	3	1199.9	1075.0	1075.0	NP	Uranium		1985
Waterford 1 & 2 (St Charles)	1	445.5	411.0	411.0	ST	Nat Gas	FO6	1974
	2	445.5	411.0	411.0	ST	Nat Gas	FO6	1975
Minden City of								
Minden (Webster)	1	12.5	12.5	12.5	ST	Nat Gas	FO2	1966
	2	12.5	12.5	12.5	ST	Nat Gas	FO2	1968
	3	7.0	4.5	4.5	IC	Nat Gas	FO2	1965
	4	7.0	4.5	4.5	IC	Nat Gas	FO2	1966
Morgan City City of								
Morgan City (St Mary)	1	6.0	5.8	5.8	ST	Nat Gas	FO2	1963
	2	6.0	5.8	5.8	ST	Nat Gas	FO2	1963
	3	20.8	19.8	19.8	ST	Nat Gas	FO2	1970
	4	37.5	36.0	36.0	ST	Nat Gas	FO2	1970
Natchitoches City of								
Natchitoches (Natchitoches)	10	25.5	25.5	25.5	ST	Nat Gas	FO2	1972
	2	10.0	10.0	10.0	IC	Nat Gas	FO2	1942
	8	6.0	6.0	6.0	ST	Nat Gas	FO2	1962
	9	11.5	11.5	11.5	ST	Nat Gas	FO2	1966
New Orleans Public Service Inc								
A B Paterson (Orleans)	3	51.8	56.0	56.0	ST	Nat Gas	FO6	1950
	4	81.3	87.0	87.0	ST	Nat Gas	FO6	1954
	5	16.0	16.0	16.0	GT	FO2		1967
Michoud (Orleans)	1	115.2	113.0	113.0	ST	Nat Gas	FO6	1957
	2	261.8	244.0	244.0	ST	Nat Gas	FO6	1962
	3	582.3	561.0	561.0	ST	Nat Gas	FO6	1967
New Roads City of								
New Roads (Pointe Coupee)	1	2.3	2.1	2.3	IC	Nat Gas	FO2	1965
	2	0.7	0.6	0.6	IC	Nat Gas	FO2	1953
	3	1.1	1.0	1.1	IC	Nat Gas	FO2	1957
	4	1.7	1.6	1.7	IC	Nat Gas	FO2	1957
	5	1.7	1.6	1.7	IC	Nat Gas	FO2	1951
	6	2.0	1.8	2.0	IC	Nat Gas	FO2	1971
Opelousas City of								
Opelousas (St Landry)	ST1	13.0	11.5	11.5	ST	Nat Gas		1965
	ST2	26.0	24.5	24.5	ST	Nat Gas		1970
Plaquemine City of								
Plaquemine (Iberville)	2	44.0	40.0	40.0	ST	Nat Gas		1971
Rayne City of								
Rayne (Acadia)	1	0.8	0.6	0.6	IC	Nat Gas	FO2	1948
	3	0.5	0.4	0.4	IC	Nat Gas	FO2	1949
	6	1.1	0.6	0.6	IC	Nat Gas	FO2	1953
	7	1.1	0.6	0.6	IC	Nat Gas	FO2	1953
	8	4.1	2.5	2.5	IC	Nat Gas	FO2	1969
	9	4.1	2.5	2.5	IC	Nat Gas	FO2	1969
Ruston City of								
Ruston (Lincoln)	0900	3.4	3.0	3.0	IC	Nat Gas	FO2	1954
	1	12.6	12.0	12.0	ST	Nat Gas	FO2	1963
	1070	5.0	4.0	4.0	IC	Nat Gas	FO2	1959

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Louisiana								
Ruston City of	1700	1.2	1.0	1.0	IC	Nat Gas	FO2	1950
	2	26.8	25.0	26.8	ST	Nat Gas	FO2	1968
	3	41.5	40.0	30.0	ST	Nat Gas	FO2	1974
Southwestern Electric Power Co								
Arsenal Hill (Caddo)	5	125.0	113.0	113.0	ST	Nat Gas		1960
Lieberman (Caddo)	1	25.0	27.0	27.0	ST	Nat Gas		1947
	2	25.0	29.0	29.0	ST	Nat Gas		1949
	3	113.6	111.0	111.0	ST	Nat Gas	FO6	1957
	4	113.6	109.0	109.0	ST	Nat Gas	FO6	1959
Welsh Town of								
Welsh (Jefferson Davis)	1	0.6	0.6	0.6	IC	FO2		1960
Maine								
Bangor Hydro-Electric Co								
Bar Harbor (Hancock)	1	2.0	2.0	2.1	IC	FO2		1961
	2	2.0	2.0	2.1	IC	FO2		1961
	3	2.0	2.0	2.1	IC	FO2		1961
	4	2.0	2.0	2.1	IC	FO2		1961
Eastport (Washington)	1	1.0	0.9	1.0	IC	FO2		1948
	2	1.0	0.9	1.0	IC	FO2		1949
	3	2.0	2.0	2.1	IC	FO2		1949
Ellsworth (Hancock)	1	2.5	2.4	2.4	HC	Water		1924
	2	2.0	2.0	2.0	HC	Water		1938
	3	2.0	2.0	2.0	HC	Water		1938
	4	2.4	2.5	2.5	HC	Water		1919
Graham Station (Penobscot)	3	11.5	11.7	12.6	ST	FO6		1954
	4	18.8	17.7	18.2	ST	FO6		1957
	5	27.2	27.6	29.0	ST	FO6		1964
Howland (Penobscot)	1	0.6	0.6	0.6	HC	Water		1921
	2	0.6	0.6	0.6	HC	Water		1916
	3	0.6	0.6	0.6	HC	Water		1916
Medway (Penobscot)	HY1	0.7	0.7	0.7	HC	Water		1923
	HY2	0.7	0.7	0.7	HC	Water		1923
	HY3	0.7	0.7	0.7	HC	Water		1925
	HY4	0.7	0.7	0.7	HC	Water		1925
	IC1	2.0	2.0	2.1	IC	FO2		1960
	IC2	2.0	2.0	2.1	IC	FO2		1960
	IC3	2.0	2.0	2.1	IC	FO2		1960
	IC4	2.0	2.0	2.1	IC	FO2		1960
	5	0.7	0.7	0.7	HC	Water		1925
Milford (Penobscot)	1	1.0	1.0	1.0	IC	FO2		1949
	2	1.0	1.0	1.0	IC	FO2		1949
	3	1.6	1.6	1.6	HC	Water		1956
	4	1.6	1.6	1.6	HC	Water		1949
	5	1.6	1.6	1.6	HC	Water		1942
	6	1.6	1.6	1.6	HC	Water		1943
Orono (Penobscot)	1	0.5	0.5	0.5	HC	Water		1911
	2	0.5	0.5	0.5	HC	Water		1949
	3	0.7	0.7	0.7	HC	Water		1949
	4	0.7	0.7	0.7	HC	Water		1949
Stillwater (Penobscot)	1	0.5	0.5	0.5	HC	Water		1949
	2	0.5	0.5	0.5	HC	Water		1949
	3	0.5	0.5	0.5	HC	Water		1949
	4	0.6	0.6	0.6	HC	Water		1949
Veazie B (Penobscot)	1	0.7	0.7	0.7	HC	Water		1933
	10	0.3	0.3	0.3	HC	Water		1920
	11	0.3	0.3	0.3	HC	Water		1920
	12	0.3	0.3	0.3	HC	Water		1920
	13	0.3	0.3	0.3	HC	Water		1920
	14	0.3	0.3	0.3	HC	Water		1920
	15	0.5	0.5	0.5	HC	Water		1914
	16	1.5	1.5	1.5	HC	Water		1938
	17	1.5	1.5	1.5	HC	Water		1938

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Maine								
Bangor Hydro-Electric Co								
	2	0.3	0.3	0.3	HC	Water		1920
	3	0.3	0.3	0.3	HC	Water		1920
	4	0.3	0.3	0.3	HC	Water		1920
	5	0.3	0.3	0.3	HC	Water		1920
	6	0.3	0.3	0.3	HC	Water		1920
	7	0.3	0.3	0.3	HC	Water		1920
	8	0.3	0.3	0.3	HC	Water		1920
	9	0.3	0.3	0.3	HC	Water		1920
West Enfield (Penobscot)	1	6.5	6.6	6.4	HC	Water		1988
	2	6.5	6.6	6.4	HC	Water		1988
Central Maine Power Co								
Androscog Mill Lower (Androscoggin)	1	0.3	0.3	0.3	HC	Water		1986
Androscog Mill Upper (Androscoggin)	1	1.1	0.7	0.7	HC	Water		1986
	2	0.8	0.6	0.6	HC	Water		1986
	3	0.5	0.5	0.5	HC	Water		1986
Androscoggin 3 (Androscoggin)	1	3.6	3.8	3.8	HC	Water		1926
Bar Mills (York)	1	2.0	2.0	2.0	HC	Water		1955
	2	2.0	2.0	2.0	HC	Water		1956
Bates Mill Lower (Androscoggin)	1	0.5	0.5	0.5	HC	Water		1986
Bates Mill Upper (Androscoggin)	1	1.2	0.3	0.3	HC	Water		1986
	2	1.5	1.1	1.1	HC	Water		1986
	3	1.2	0.3	0.3	HC	Water		1986
Bonny Eagle (York)	1	1.2	1.6	1.6	HC	Water		1910
	2	1.2	1.7	1.7	HC	Water		1910
	3	1.2	1.1	1.1	HC	Water		1910
	4	1.2	1.7	1.7	HC	Water		1910
	5	1.2	1.8	1.8	HC	Water		1910
	6	1.2	1.5	1.5	HC	Water		1910
Brunswick (Cumberland)	1	12.6	12.7	12.7	HC	Water		1981
	2	3.5	3.5	3.5	HC	Water		1983
	3	3.5	3.5	3.5	HC	Water		1983
Cape Gas Turbine (Cumberland)	GT4	17.6	16.0	21.4	GT	FO2		1970
	GT5	17.6	17.0	21.3	GT	FO2		1970
Cataract (York)	1	6.7	8.0	8.0	HC	Water		1937
Cataract W Channel (York)	1	0.5	0.5	0.5	HC	Water		1983
	2	0.5	0.5	0.5	HC	Water		1983
Continental Mills (Androscoggin)	1	0.4	0.4	0.4	HC	Water		1920
	2	0.4	0.4	0.4	HC	Water		1920
	3	0.4	0.4	0.4	HC	Water		1920
	5	0.2	0.2	0.2	HC	Water		1920
	6	0.2	0.2	0.2	HC	Water		1920
Deer Rips (Androscoggin)	1	0.6	0.6	0.6	HC	Water		1903
	2	0.6	0.6	0.6	HC	Water		1903
	3	0.9	0.9	0.9	HC	Water		1906
	4	0.8	0.8	0.8	HC	Water		1911
	5	0.8	0.8	0.8	HC	Water		1913
	6	1.8	1.8	1.8	HC	Water		1919
	7	1.0	1.0	1.0	HC	Water		1924
Fort Halifax (Kennebec)	A	0.8	0.9	0.9	HC	Water		1908
	B	0.8	0.9	0.9	HC	Water		1908
Gulf Island (Androscoggin)	1	6.4	8.4	8.4	HC	Water		1926
	2	6.4	7.6	7.6	HC	Water		1926
	3	6.4	7.6	7.6	HC	Water		1926
Harris (Somerset)	1	15.0	17.0	17.0	HC	Water		1954
	2	30.0	35.0	35.0	HC	Water		1954
	3	30.0	34.0	34.0	HC	Water		1955
Hill Mill (Androscoggin)	1	0.4	0.4	0.4	HC	Water		1986
	2	0.4	0.4	0.4	HC	Water		1986
	3	0.4	0.4	0.4	HC	Water		1986
	4	0.4	0.4	0.4	HC	Water		1986
	5	0.4	0.4	0.4	HC	Water		1986
	6	0.4	0.4	0.4	HC	Water		1986
Hiram (Oxford)	1	2.4	1.8	1.8	HC	Water		1917
	2	8.5	8.1	8.1	HC	Water		1984
Islesboro Diesel (Waldo)	1	0.1	0.0	0.0	IC	FO2		1964

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Maine								
Central Maine Power Co								
	2	0.1	0.0	0.0	IC	FO2		1964
Mason Steam (Lincoln)	1	20.0	19.6	20.0	ST	FO6		1941
	2	20.0	19.6	20.0	ST	FO6		1947
	3	34.5	32.0	32.0	ST	FO6		1952
	4	34.5	32.0	32.0	ST	FO6		1952
	5	37.5	33.0	33.0	ST	FO6		1955
Mesalonsk 2 (Kennebec)	1	2.8	2.8	2.8	HC	Water		1924
Mesalonsk 3 (Kennebec)	1	1.6	1.7	1.7	HC	Water		1918
Mesalonsk 4 (Kennebec)	1	0.8	0.8	0.8	HC	Water		1924
Mesalonsk 5 (Kennebec)	1	1.5	1.6	1.6	HC	Water		1935
North Gorham (Cumberland)	1	1.1	1.0	1.0	HC	Water		1925
	2	1.1	1.0	1.0	HC	Water		1925
Peaks Island Diesel (Cumberland)	1	0.2	0.3	0.3	IC	FO2		1940
	3	1.0	1.3	1.4	IC	FO2		1948
Shawmut (Somerset)	1	0.8	1.0	1.0	HC	Water		1913
	2	0.8	1.0	1.0	HC	Water		1913
	3	0.8	1.0	1.0	HC	Water		1913
	4	0.8	1.0	1.0	HC	Water		1918
	5	0.8	1.0	1.0	HC	Water		1913
	6	0.9	1.0	1.0	HC	Water		1921
	7	2.0	2.1	2.1	HC	Water		1982
	8	2.0	2.1	2.1	HC	Water		1982
Skelton (York)	1	8.4	10.0	10.0	HC	Water		1948
	2	8.4	10.0	10.0	HC	Water		1948
West Buxton (York)	1	0.7	0.7	0.7	HC	Water		1982
	2	0.7	0.7	0.7	HC	Water		1982
	3	1.1	0.9	0.9	HC	Water		1920
	4	0.8	0.8	0.8	HC	Water		1907
	5	0.8	0.8	0.8	HC	Water		1904
	6	4.0	3.7	3.7	HC	Water		1927
Weston (Somerset)	1	3.0	3.5	3.5	HC	Water		192[illegible]
	2	3.0	3.2	3.2	HC	Water		1920
	3	3.0	3.3	3.3	HC	Water		1921
	4	3.0	3.2	3.2	HC	Water		1923
William F Wyman (Cumberland)	1	50.0	53.5	53.5	ST	FO6		1957
	2	50.0	53.5	53.5	ST	FO6		1958
	3	113.6	115.9	115.9	ST	FO6		1965
	4*	632.4	614.5	619.3	ST	FO6		1978
Williams (Somerset)	1	7.0	8.1	8.1	HC	Water		1939
	2	6.0	6.6	6.6	HC	Water		1950
Wyman (Somerset)	1	24.0	27.0	27.0	HC	Water		1930
	2	24.0	28.0	28.0	HC	Water		1931
	3	24.0	27.0	27.0	HC	Water		1940
Eastern Maine Electric Coop								
Portable (Washington)	1	0.3	0.3	0.3	IC	FO2		1959
River Street (Washington)	1	0.3	0.3	0.3	IC	FO2		1946
	2	0.3	0.3	0.3	IC	FO2		1946
	3	0.3	0.3	0.3	IC	FO2		1946
	4	0.3	0.3	0.3	IC	FO2		1946
	5	1.0	1.0	1.0	IC	FO2		1967
Madison Town of								
Norridgewick (Somerset)	1	0.1	0.1	0.1	HC	Water		1904
	2	0.3	0.3	0.3	HC	Water		1949
Maine Public Service Co								
Caribou (Aroostook)	HY1	0.4	0.5	0.5	HC	Water		1926
	HY2	0.4	0.5	0.5	HC	Water		1926
	IC2	2.8	2.6	2.6	IC	FO2		1948
	ST2	11.5	14.0	14.0	ST	FO6		1955
	1	7.5	9.0	9.0	ST	FO6		1950
	3	2.8	2.6	2.6	IC	FO2		1948
	4	1.0	1.0	1.0	IC	FO2		1948
	5	1.0	1.0	1.0	IC	FO2		1951
Flos Inn (Aroostook)	IC2	2.0	1.4	1.4	IC	FO2		1965

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	**Unit ID**	**Capacity**			**Unit Type**[1]	**Energy Source**[1]		**Year of Initial Operation**
		Generator Nameplate (megawatts)	**Summer Capability (megawatts)**	**Winter Capability (megawatts)**		**Primary**	**Alternate**	
Maine								
Maine Public Service Co								
	IC3	2.0	1.4	1.4	IC	FO2		1973
	1	2.0	1.4	1.4	IC	FO2		1959
Houlton (Aroostook)	1	1.0	1.0	1.0	IC	FO2		1949
Squa Pan (Aroostook)	1	1.5	1.4	1.4	HC	Water		1941
Maine Yankee Atomic Power Co								
Maine Yankee (Lincoln)	1	864.0	845.0	855.0	NP	Uranium		1972
Public Service Co of NH								
Swans Falls (Oxford)	1	1.0	1.0	1.0	IC	FO2		1948
	2	1.0	1.0	1.0	IC	FO2		1948
	3	1.0	1.0	1.0	IC	FO2		1952
Swans Island Electric Coop Inc								
Mintum (Hancock)	1	0.1	0.1	0.1	IC	FO2		1950
	2	0.1	0.1	0.1	IC	FO2		1950
	3	0.2	0.2	0.2	IC	FO2		1964

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Maryland								
A & N Electric Coop								
Smith (Somerset)	1	0.3	0.3	0.3	IC	FO2		1955
	2	0.5	0.5	0.5	IC	FO2		1969
Baltimore Gas & Electric Co								
Brandon Shores (Anne Arundel)	1	685.1	640.0	670.0	ST	BIT		1984
C P Crane (Baltimore)	GT1	16.0	14.0	17.0	GT	FO2		1967
	1	190.4	188.0	189.0	ST	BIT		1961
	2	209.4	188.0	189.0	ST	BIT		1962
Calvert Cliffs (Calvert)	1	918.0	825.0	860.0	NP	Uranium		1974
	2	910.7	825.0	860.0	NP	Uranium		1976
Gould Street (Baltimore City)	3	103.5	103.0	104.0	ST	FO6		1952
Herbert A Wagner (Anne Arundel)	GT1	16.0	14.0	17.0	GT	FO2		1967
	1	132.8	137.0	138.0	ST	Nat Gas	FO6	1955
	2	136.0	134.0	135.0	ST	BIT		1958
	3	359.0	319.0	321.0	ST	BIT		1966
	4	414.7	365.0	400.0	ST	FO6		1972
Notch Cliff (Baltimore)	GT1	18.0	16.0	17.0	GT	Nat Gas		1969
	GT2	18.0	16.0	17.0	GT	Nat Gas		1969
	GT3	18.0	16.0	17.0	GT	Nat Gas		1969
	GT4	18.0	16.0	17.0	GT	Nat Gas		1969
	GT5	18.0	16.0	17.0	GT	Nat Gas		1969
	GT6	18.0	16.0	17.0	GT	Nat Gas		1969
	GT7	18.0	16.0	17.0	GT	Nat Gas		1969
	GT8	18.0	16.0	17.0	GT	Nat Gas		1969
Perryman (Harford)	GT1	53.1	51.0	60.0	GT	FO2		1971
	GT2	53.1	51.0	60.0	GT	FO2		1971
	GT3	53.1	51.0	60.0	GT	FO2		1972
	GT4	53.1	51.0	60.0	GT	FO2		1971
Philadelphia Road (Baltimore City)	GT1	20.7	16.0	17.0	GT	FO2		1970
	GT2	20.7	16.0	17.0	GT	FO2		1970
	GT3	20.7	16.0	17.0	GT	FO2		1970
	4	20.7	16.0	17.0	GT	FO2		1970
Riverside (Baltimore)	GT6	121.5	128.0	132.0	JE	Nat Gas	KER	1970
	GT7	25.0	22.0	25.0	GT	FO2		1970
	1	60.0	58.0	59.0	ST	FO6		1942
	2	60.0	59.0	60.0	ST	FO6		1944
	3	60.0	61.0	62.0	ST	FO6		1948
	4	72.3	78.0	79.0	ST	FO6	Nat Gas	1951
	5	81.3	65.0	66.0	ST	FO6		1953
	8	25.0	22.0	25.0	GT	FO2		1970
Westport (Baltimore City)	GT5	121.5	118.0	132.0	JE	Nat Gas		1968
	3	60.0	58.0	59.0	ST	FO6		1941
	4	69.0	68.0	63.0	ST	FO6		1950
Berlin City of								
Berlin (Worcester)	1	0.3	0.3	0.3	IC	FO2		1939
	2	0.6	0.6	0.6	IC	FO2		1950
	3	0.2	0.2	0.2	IC	FO2		1937
	4	1.1	1.1	1.1	IC	FO2		1961
Delmarva Power & Light Co								
Crisfield (Somerset)	1	2.9	2.5	2.5	IC	FO2		1968
	2	2.9	2.5	2.5	IC	FO2		1968
	3	2.9	2.5	2.5	IC	FO2		1968
	4	2.9	2.5	2.5	IC	FO2		1968
Vienna (Dorchester)	10	18.6	13.0	19.0	GT	FO2		1968
	8	162.0	150.0	155.0	ST	FO6		1971
Easton Utilities Comm								
Easton (Talbot)	10	3.5	3.5	3.5	IC	FO2	Nat Gas	1966
	11	3.8	3.6	3.6	IC	FO2	Nat Gas	1968
	12	4.1	4.1	4.1	IC	Nat Gas	FO2	1970
	13	5.6	5.6	5.6	IC	Nat Gas	FO2	1973
	14	5.6	5.6	5.6	IC	Nat Gas	FO2	1973
	3	0.7	0.5	0.5	IC	FO2		1936
	4	0.7	0.6	0.6	IC	FO2		1941
	5	1.3	0.8	0.8	IC	FO2		1947

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Maryland								
Easton Utilities Comm								
	6	1.4	1.2	1.2	IC	FO2		1950
	7	2.5	2.3	2.3	IC	Nat Gas	FO2	1954
	8	2.5	2.3	2.3	IC	FO2		1957
	9	3.0	2.5	2.5	IC	FO2		1961
Easton 2 (Talbot)	ORC	0.8	0.6	0.6	ST	WH		1983
	21	6.3	6.3	6.3	IC	FO2	FO6	1977
	22	6.3	6.3	6.3	IC	FO2	FO6	1977
Hagerstown City of								
Hagerstown (Washington)	IC4	1.0	1.0	1.0	IC	FO2		1976
	3	5.0	5.0	5.0	ST	FO6	BIT	1942
	4	5.0	5.0	5.0	ST	FO6	BIT	1951
	5	12.5	12.5	12.5	ST	FO6	BIT	1958
	6	12.5	12.5	12.5	ST	FO6	BIT	1960
Pennsylvania Electric Co								
Deep Creek (Garrett)	1	9.6	9.0	10.0	HC	Water		1925
	2	9.6	9.0	9.0	HC	Water		1925
Philadelphia Electric Co								
Conowingo (Cecil)	1	36.0	26.0	36.0	HC	Water		1928
	10	55.6	57.0	65.0	HC	Water		1964
	11	55.6	57.0	65.0	HC	Water		1964
	2	36.0	26.0	36.0	HC	Water		1928
	3	36.0	26.0	36.0	HC	Water		1928
	4	36.0	26.0	36.0	HC	Water		1928
	5	36.0	26.0	36.0	HC	Water		1928
	6	36.0	26.0	36.0	HC	Water		1928
	7	36.0	26.0	36.0	HC	Water		1928
	8	55.6	57.0	65.0	HC	Water		1964
	9	55.6	57.0	65.0	HC	Water		1964
Potomac Edison Co								
R P Smith (Washington)	3	34.5	27.0	27.0	ST	BIT		1947
	4	75.0	86.0	87.0	ST	BIT		1958
Potomac Electric Power Co								
Chalk Point (Prince Georges)	GT1	16.0	18.0	18.0	GT	FO2		1967
	GT2	35.0	30.0	35.0	GT	FO2		1974
	ST1	364.0	341.0	341.0	ST	BIT	FO2	1964
	ST2	364.0	342.0	343.0	ST	BIT	FO2	1965
	3	659.0	612.0	612.0	ST	FO6	Nat Gas	1975
	4	659.0	612.0	612.0	ST	FO6	Nat Gas	1981
Dickerson (Montgomery)	GT1	16.0	13.0	13.0	GT	FO2		1967
	ST1	196.0	181.0	181.0	ST	BIT	FO2	1959
	2	196.0	181.0	181.0	ST	BIT	FO2	1960
	3	196.0	181.0	181.0	ST	BIT	FO2	1962
Morgantown (Charles)	GT1	18.0	16.0	20.0	GT	FO2		1970
	GT2	18.0	16.0	20.0	GT	FO2		1971
	ST1	626.0	582.0	583.0	ST	BIT	FO6	1970
	ST2	626.0	582.0	583.0	ST	BIT	FO6	1971
	3	65.0	54.0	65.0	GT	FO2		1973
	4	65.0	54.0	65.0	GT	FO2		1973
	5	65.0	54.0	65.0	GT	FO2		1973
	6	65.0	54.0	65.0	GT	FO2		1973
Massachusetts								
Boston Edison Co								
Edgar (Norfolk)	GT1	14.2	11.2	14.1	GT	FO2		1969
	GT2	14.2	11.0	14.3	GT	FO2		1969
Framingham (Middlesex)	J1	14.2	11.8	15.0	GT	FO2		1970
	J2	14.2	12.5	15.0	GT	FO2		1969
	J3	14.2	11.6	15.0	GT	FO2		1969
L Street (Suffolk)	GT1	18.6	17.2	21.7	GT	FO2		1966
Mystic (Middlesex)	J1	14.2	10.0	15.0	GT	FO2		1969
	4	156.3	135.0	139.9	ST	FO6		1957

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Massachusetts								
Boston Edison Co								
	5	156.3	142.0	135.0	ST	FO6		1959
	6	156.3	141.2	145.0	ST	FO6		1961
	7	617.0	592.0	592.0	ST	FO6	Nat Gas	1975
New Boston (Suffolk)	1	359.0	380.0	380.0	ST	FO6	Nat Gas	1965
	2	358.7	380.0	380.0	ST	FO6	MF	1967
Pilgrim (Plymouth)	1	678.0	666.6	670.0	NB	Uranium		1972
West Medway (Norfolk)	J1	45.1	42.9	60.6	GT	FO2	Nat Gas	1970
	J2	45.1	44.5	56.5	GT	FO2	Nat Gas	1971
	J3	45.1	45.7	58.8	GT	FO2	Nat Gas	1970
Braintree Town of								
Potter Station 2 (Norfolk)	CC2	76.0	58.0	76.0	CT	WH		1977
	CC3	20.0	18.0	20.0	CW	WH		1977
	IC1	2.7	2.0	2.0	IC	FO2		1963
	IC2	2.7	2.0	2.0	IC	FO2		1963
Cambridge Electric Light Co								
Blackstone Street (Middlesex)	1	12.5	13.5	16.0	ST	FO6	Nat Gas	1930
	3	2.5	2.5	2.8	ST	FO6	Nat Gas	1930
	4	3.5	2.0	2.6	ST	FO6	Nat Gas	1950
Kendall Square (Middlesex)	GT1	23.3	19.0	24.0	GT	Jet Fuel		1970
	GT2	23.3	19.0	24.0	GT	Jet Fuel		1972
	1	17.3	18.0	19.0	ST	FO6	Nat Gas	1949
	2	23.0	19.0	24.0	ST	FO6	Nat Gas	1951
	3	27.2	26.0	29.0	ST	FO6	Nat Gas	1958
Canal Electric Co								
Canal (Barnstable)	1	542.5	563.0	572.0	ST	FO6		1968
	2*	529.6	580.0	584.0	ST	FO6		1976
Commonwealth Electric Co								
Cannon Street (Bristol)	1	25.0	25.0	25.4	ST	FO6	Nat Gas	1947
	2	38.1	34.0	35.2	ST	FO6	Nat Gas	1950
Oak Bluffs (Dukes)	1	2.8	2.8	2.8	IC	FO2		1969
	2	2.8	2.8	2.8	IC	FO2		1969
	3	2.8	2.8	2.8	IC	FO2		1972
West Tisbury (Dukes)	1	2.8	2.8	2.8	IC	FO2		1975
	2	2.8	2.8	2.8	IC	FO2		1975
Fitchburg Gas & Elec Light Co								
Fitchburg (Worcester)	7	25.5	19.4	27.0	GT	FO2		1972
Holyoke Gas & Electric Co								
Cabot-Holyoke (Hampden)	1	0.8	0.8	0.8	HC	Water		1923
	2	0.8	0.8	0.8	HC	Water		1938
	3	0.4	0.4	0.4	HC	Water		1939
	4	0.6	0.6	0.6	HC	Water		1966
	6	9.4	9.0	9.0	ST	FO6	Nat Gas	1955
	8	9.4	9.0	9.0	ST	FO6	Nat Gas	1951
	9	6.0	4.0	4.0	ST	FO6	Nat Gas	1941
Holyoke Water Power Co								
Beebe Holbrook (Hampden)	1	0.3	0.4	0.2	HC	Water		1947
	2	0.3	0.4	0.2	HC	Water		1948
Boatlock (Hampden)	1	0.5	0.5	0.5	HC	Water		1921
	2	1.2	1.2	1.2	HC	Water		1924
	3	1.2	1.2	1.2	HC	Water		1924
Chemical (Hampden)	1	0.8	0.1	0.2	HC	Water		1935
	2	0.8	0.1	0.2	HC	Water		1935
Hadley Falls (Hampden)	1	15.0	16.4	16.4	HC	Water		1952
	2	15.8	15.1	14.4	HC	Water		1983
Mount Tom (Hampden)	1	136.0	146.0	147.0	ST	BIT		1960
Riverside (Hampden)	4	0.9	0.8	0.8	HC	Water		1905
	5	0.6	0.6	0.6	HC	Water		1905
	6	0.6	0.6	0.6	HC	Water		1921
	7	1.6	1.5	1.5	HC	Water		1921

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Massachusetts								
Holyoke Water Power Co								
	8	4.0	3.8	3.8	HC	Water		1931
Skinner (Hampden)	1	0.3	0.4	0.4	HC	Water		1924
Hudson Town of								
Cherry Street (Middlesex)	10	2.2	2.2	2.2	IC	FO2	Nat Gas	1962
	11	2.2	2.2	2.2	IC	FO2	Nat Gas	1962
	12	5.6	5.6	5.6	IC	FO2	Nat Gas	1972
	7	3.3	3.0	3.0	IC	FO2		1951
	8	4.0	3.6	3.6	IC	FO2	Nat Gas	1956
	9	3.0	3.0	3.0	IC	FO2	Nat Gas	1960
Ipswich Town of								
Ipswich (Essex)	1	1.3	1.3	1.3	IC	FO2		1986
	10	1.3	1.3	1.3	IC	Nat Gas	FO2	1984
	11	1.3	1.3	1.3	IC	Nat Gas	FO2	1982
	12	1.3	1.3	1.3	IC	Nat Gas	FO2	1983
	2	1.4	1.4	1.4	IC	Nat Gas	FO2	1954
	3	0.7	0.7	0.7	IC	FO2		1941
	4	0.6	0.6	0.6	IC	FO2		1937
	6	1.1	1.1	1.1	IC	Nat Gas	FO2	1951
	7	1.4	1.4	1.4	IC	FO2		1956
	8	1.3	1.3	1.3	IC	FO2		1960
	9	1.4	1.4	1.4	IC	Nat Gas	FO2	1961
Marblehead City of								
Commercial Street (Essex)	2	1.1	1.0	1.0	IC	FO2		1948
Wilkins Station (Essex)	1	2.8	2.5	2.5	IC	FO2		1975
	2	2.8	2.5	2.5	IC	FO2		1975
Massachusetts Mun Whls Elec Co								
Stony Brook (Hampden)	CT1*	255.0	195.0	255.0	CT	FO2	Nat Gas	1981
	CW1*	105.0	100.0	100.0	CW	WH		1981
	2	170.0	130.0	170.0	GT	FO2		1982
Massachusetts Water Res Auth								
Cosgrove Intake Pwr (Worcester)	HY2	1.7	1.2	1.2	HC	Water		1968
	1	1.7	1.2	1.2	HC	Water		1968
Oakdale Pwr Station (Worcester)	1	3.5	2.9	2.7	HC	Water		1950
Winsor Dam Pwr Sta. (Hampshire)	1	1.2	1.0	1.0	HC	Water		1947
Montaup Electric Co								
Somerset (Bristol)	J1	21.2	19.1	22.3	GT	KER		1970
	J2	21.2	19.4	23.4	GT	KER		1971
	1	36.0	38.0	40.0	ST	FO6		1925
	2	35.0	37.0	43.0	ST	FO6		1928
	3	20.0	20.0	22.0	ST	FO6		1942
	4	35.0	35.0	43.0	ST	FO6		1947
	5	73.7	68.5	69.4	ST	BIT	Coal-Oil	1951
	6	100.0	101.7	103.5	ST	BIT	Coal-Oil	1959
Nantucket Electric Co								
Nantucket (Nantucket)	1	32.3	32.3	32.3	IC	FO2		1948
New England Power Co								
Bear Swamp (Berkshire)	1	300.0	564.5[2]	585.0[2]	HR	Water		1974
	2	300.0	-[2]	-[2]	HR	Water		1974
Brayton Point (Bristol)	IC1	2.8	11.0[2]	11.3[2]	IC	FO2		1967
	IC2	2.8	-[2]	-[2]	IC	FO2		1967
	IC3	2.8	-[2]	-[2]	IC	FO2		1967
	IC4	2.8	-[2]	-[2]	IC	FO2		1967
	1	241.0	246.0	252.0	ST	BIT	FO6	1963
	2	241.0	250.0	250.8	ST	BIT	FO6	1964
	3	642.6	620.0	621.7	ST	BIT	FO6	1969
	4	475.6	428.0	440.0	ST	FO6		1974
Deerfield 2 (Franklin)	1	1.6	6.5[2]	6.5[2]	HC	Water		1913
	2	1.6	-[2]	-[2]	HC	Water		1913

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Massachusetts								
New England Power Co								
	3	1.6	1.5	1.5	HC	Water		1913
Deerfield 3 (Franklin)	1	1.6	6.5[2]	6.0[2]	HC	Water		1912
	2	1.6	-[2]	-[2]	HC	Water		1912
	3	1.6	-[2]	-[2]	HC	Water		1912
Deerfield 4 (Franklin)	1	1.6	6.2[2]	5.4[2]	HC	Water		1912
	2	1.6	-[2]	-[2]	HC	Water		1912
	3	1.6	-[2]	-[2]	HC	Water		1913
Deerfield 5 (Berkshire)	1	17.6	14.0	14.0	HC	Water		1974
Fife Brook (Berkshire)	1	11.3	9.7	8.5	HC	Water		1974
Gloucester (Essex)	1	2.0	27.0[2]	28.0[2]	IC	FO2		1963
	10	2.8	-[2]	-[2]	IC	FO2		1971
	11	2.8	-[2]	-[2]	IC	FO2		1971
	2	2.0	-[2]	-[2]	IC	FO2		1963
	3	2.0	-[2]	-[2]	IC	FO2		1964
	4	2.0	-[2]	-[2]	IC	FO2		1964
	5	2.0	-[2]	-[2]	IC	FO2		1964
	6	2.8	-[2]	-[2]	IC	FO2		1967
	7	2.8	-[2]	-[2]	IC	FO2		1967
	8	2.8	-[2]	-[2]	IC	FO2		1967
	9	2.6	-[2]	-[2]	IC	FO2		1967
Newburyport (Essex)	1	2.8	11.0[2]	11.5[2]	IC	FO2		1970
	2	2.8	-[2]	-[2]	IC	FO2		1970
	3	2.8	-[2]	-[2]	IC	FO2		1970
	4	2.8	-[2]	-[2]	IC	FO2		1970
Salem Harbor (Essex)	1	81.9	82.5	84.0	ST	BIT	FO6	1951
	2	82.0	79.7	80.0	ST	BIT	FO6	1952
	3	165.8	152.0	151.8	ST	BIT	FO6	1958
	4	475.6	446.2	442.3	ST	FO6		1972
Sherman (Franklin)	1	7.2	6.5	6.5	HC	Water		1926
Peabody City of								
Warren Street (Essex)	1	2.4	2.0	2.0	IC	FO2		1948
	2	2.4	2.0	2.0	IC	FO2		1949
	3	2.4	2.0	2.0	IC	FO2		1949
	4	4.4	3.5	3.5	IC	FO2		1966
Waters River (Essex)	1	21.3	14.0	20.0	GT	FO2		1971
Shrewsbury Town of								
Shrewsbury (Worcester)	1	2.8	2.8	2.8	IC	FO2		1969
	2	2.8	2.8	2.8	IC	FO2		1969
	3	2.8	2.8	2.8	IC	FO2		1975
	4	2.8	2.8	2.8	IC	FO2		1975
	5	2.8	2.8	2.8	IC	FO2		1978
Taunton City of								
Cleary Flood (Bristol)	CA9	95.0	86.0	87.0	CA	FO6	Nat Gas	1975
	8	28.3	25.0	25.0	ST	FO6		1966
	9A	23.0	19.0	23.0	CT	Nat Gas	FO6	1976
Western Massachusetts Elec Co								
Cabot (Franklin)	1	6.5	8.8	8.8	HC	Water		1915
	2	8.5	8.8	8.8	HC	Water		1915
	3	8.5	8.8	8.8	HC	Water		1916
	4	8.5	8.8	8.8	HC	Water		1916
	5	8.5	8.8	8.8	HC	Water		1917
	6	8.5	8.8	8.8	HC	Water		1917
Cobble Mountain (Hampden)	1	13.6	14.4	14.0	HC	Water		1930
	2	5.8	6.1	5.9	HC	Water		1930
	3	13.6	14.4	14.0	HC	Water		1930
Doreen (Berkshire)	10	18.6	16.6	21.2	JE	Jet Fuel		1969
Dwight (Hampden)	2	0.5	0.5	0.5	HC	Water		1920
	3	0.5	0.5	0.5	HC	Water		1920
	4	0.5	0.5	0.5	HC	Water		1920
Gardners Falls (Franklin)	2	0.4	0.4	0.4	HC	Water		1904
	3	0.9	0.9	0.9	HC	Water		1914
	4	0.9	0.9	0.9	HC	Water		1914

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Massachusetts								
Western Massachusetts Elec Co								
	5	1.3	1.3	1.3	HC	Water		1925
Indian Orchard (Hampden)	3	1.5	1.5	1.5	HC	Water		1928
	4	2.2	2.1	2.1	HC	Water		1928
Northfield Mountain (Franklin)	1*	211.5	250.0	250.0	HR	Water		1972
	2*	211.5	250.0	250.0	HR	Water		1973
	3*	211.5	250.0	250.0	HR	Water		1973
	4*	211.5	250.0	250.0	HR	Water		1972
Putts Bridge (Hampden)	2	1.6	2.1	2.0	HC	Water		1918
	3	1.6	2.1	2.0	HC	Water		1918
Red Bridge (Hampden)	3	1.8	2.0	2.0	HC	Water		1934
	4	1.8	2.0	2.0	HC	Water		1926
Silver Lake (Berkshire)	12	18.0	14.0	17.8	GT	FO2		1969
Turners Falls (Franklin)	1	1.4	1.6	1.6	HC	Water		1913
	2	0.4	0.4	0.4	HC	Water		1913
	3	1.3	1.4	1.4	HC	Water		1910
	5	1.3	1.4	1.4	HC	Water		1905
	7	1.3	1.4	1.4	HC	Water		1905
West Springfield (Hampden)	1	46.0	51.0	51.5	ST	FO6		1949
	10	18.6	17.2	22.0	JE	Jet Fuel		1968
	2	50.0	51.0	51.5	ST	FO6		1952
	3	113.6	107.3	108.3	ST	FO6	Nat Gas	1957
Woodland Road (Berkshire)	10	18.6	16.6	21.2	JE	Jet Fuel		1969
Yankee Atomic Electric Co								
Yankee Rowe (Franklin)	1*	185.0	167.0	167.0	NP	Uranium	PL	1960
Michigan								
Alpena Power Co								
Four Mile Dam (Alpena)	1	0.6	0.6	0.6	HC	Water		1913
	2	0.6	0.6	0.6	HC	Water		1919
	3	0.6	0.6	0.6	HC	Water		1920
Hillman (Montmorency)	1	0.3	0.3	0.3	HC	Water		1947
Ninth Street Dam (Alpena)	1	0.4	0.4	0.4	HC	Water		1910
	2	0.4	0.4	0.4	HC	Water		1910
	3	0.4	0.4	0.4	HC	Water		1910
Norway Point Dam (Alpena)	1	2.8	2.8	2.8	HC	Water		1924
	2	1.2	1.2	1.2	HC	Water		1924
Clinton Village of								
Clinton (Lenawee)	1	0.5	0.5	0.5	IC	FO2		1939
	2	0.5	0.5	0.5	IC	FO2		1939
	3	0.4	0.4	0.5	IC	FO2		1955
	4	0.4	0.4	0.4	IC	FO2		1955
	5	0.4	0.4	0.4	IC	FO2		1955
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1978
Cloverland Electric Coop								
Dafter (Chippewa)	1	1.0	0.9	0.9	IC	FO2		1955
	2	1.0	0.9	0.9	IC	FO2		1955
	3	1.0	0.9	0.9	IC	FO2		1955
	4	3.0	2.5	2.5	IC	FO2		1960
	5	3.0	2.5	2.5	IC	FO2		1960
Detour (Chippewa)	6	3.0	2.5	2.5	IC	FO2		1973
	7	3.0	2.5	2.5	IC	FO2		1976
Coldwater Board of Public Util								
Coldwater (Branch)	IC4	2.5	2.5	2.5	IC	FO2		1974
	IC5	3.0	3.0	3.0	IC	Nat Gas	FO2	1978
	ST4	3.0	3.0	3.0	ST	BIT		1940
	ST5	3.0	3.0	3.0	ST	BIT		1962
	1	1.0	1.0	1.0	IC	FO2		1948
	3	3.5	3.5	3.5	IC	Nat Gas	FO2	1969
	6	5.0	5.0	5.0	ST	BIT		1962

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Michigan								
Consumers Power Co								
Alcona (Alcona)	1	4.0	4.0	4.0	HC	Water		1923
	2	4.0	4.0	4.0	HC	Water		1923
Allegan Dam (Allegan)	1	0.5	0.4	0.4	HC	Water		1935
	2	0.9	0.9	0.9	HC	Water		1935
	3	1.2	1.2	1.2	HC	Water		1945
B C Cobb (Muskegon)	1	66.0	52.0	52.0	ST	BIT		1948
	2	66.0	52.0	52.0	ST	BIT		1948
	3	66.0	52.0	52.0	ST	BIT		1950
	4	156.3	140.0	140.0	ST	BIT		1956
	5	156.3	140.0	140.0	ST	BIT		1957
B E Morrow (Kalamazoo)	A	17.5	14.8	17.2	GT	Nat Gas		1968
	B	17.5	14.8	17.2	GT	Nat Gas		1969
Big Rock Point (Charlevoix)	1	75.0	67.0	67.0	NB	Uranium		1962
C W Tippy (Manistee)	1	6.7	7.0	7.0	HC	Water		1918
	2	6.7	7.0	7.0	HC	Water		1918
	3	6.7	7.0	7.0	HC	Water		1918
Cooke (Iosco)	1	3.0	3.0	3.0	HC	Water		1911
	2	3.0	3.0	3.0	HC	Water		1911
	3	3.0	3.0	3.0	HC	Water		1911
Croton (Newaygo)	1	3.2	2.9	2.9	HC	Water		1906
	2	3.2	2.9	2.9	HC	Water		1906
	3	1.3	1.3	1.3	HC	Water		1915
	4	1.3	1.3	1.3	HC	Water		1915
Dan E Karn (Bay)	1	265.0	255.0	255.0	ST	BIT		1959
	2	265.0	260.0	260.0	ST	BIT		1961
	3	605.0	628.0	638.0	ST	FO6		1974
	4	626.3	638.0	638.0	ST	FO6		1977
Five Channels (Iosco)	1	3.0	3.2	3.2	HC	Water		1912
	2	3.0	3.2	3.2	HC	Water		1912
Foote (Iosco)	1	3.0	3.3	3.3	HC	Water		1918
	2	3.0	3.3	3.3	HC	Water		1918
	3	3.0	3.3	3.3	HC	Water		1918
Gaylord (Otsego)	1	17.5	14.8	17.2	GT	Nat Gas	FO2	1966
	2	17.5	14.8	17.2	GT	Nat Gas	FO2	1966
	3	17.5	14.8	17.2	GT	Nat Gas	FO2	1966
	4	17.5	14.8	17.2	GT	Nat Gas	FO2	1966
	5	20.6	16.0	20.0	GT	Nat Gas	FO2	1968
Hardy (Newaygo)	1	10.0	10.8	10.8	HC	Water		1931
	2	10.0	10.8	10.8	HC	Water		1931
	3	10.0	10.8	10.8	HC	Water		1931
Hodenpyl (Wexford)	1	9.0	9.2	9.2	HC	Water		1925
	2	9.0	9.2	9.2	HC	Water		1925
J C Weadock (Bay)	A	20.6	16.0	20.0	GT	Nat Gas		1968
	7	156.3	145.0	145.0	ST	BIT		1955
	8	156.3	142.0	142.0	ST	BIT		1958
J H Campbell (Ottawa)	A	20.6	16.0	20.0	GT	FO2		1968
	1	265.0	254.0	255.0	ST	BIT		1962
	2	385.0	350.0	350.0	ST	BIT		1967
	3*	871.0	787.0	787.0	ST	BIT		1980
J R Whiting (Monroe)	A	20.6	16.0	20.0	GT	Jet Fuel		1968
	1	100.0	95.0	95.0	ST	BIT		1952
	2	100.0	95.0	95.0	ST	BIT		1952
	3	125.0	120.0	120.0	ST	BIT		1953
Loud (Iosco)	1	2.0	2.2	2.2	HC	Water		1913
	2	2.0	2.2	2.2	HC	Water		1973
Ludington (Mason)	1*	329.8	312.0	312.0	HR	Water		1972
	2*	329.8	312.0	312.0	HR	Water		1973
	3*	329.8	312.0	312.0	HR	Water		1973
	4*	329.8	312.0	312.0	HR	Water		1973
	5*	329.8	312.0	312.0	HR	Water		1973
	6*	329.8	312.0	312.0	HR	Water		1973
Mio (Oscoda)	1	2.5	2.2	2.2	HC	Water		1916
	2	2.5	2.2	2.2	HC	Water		1916
Palisades (Van Buren)	1	811.7	755.0	780.0	NP	Uranium		1972
Rogers (Mecosta)	1	1.7	1.5	1.5	HC	Water		1922
	2	1.7	1.5	1.5	HC	Water		1922

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Michigan								
Consumers Power Co								
	3	1.7	1.5	1.5	HC	Water		1922
	4	1.7	1.5	1.5	HC	Water		1922
Straits (Emmet)	1	12.5	10.0	12.9	GT	Nat Gas		1969
Thetford (Genesee)	1	37.3	34.5	41.8	GT	Nat Gas		1970
	2	37.3	34.5	41.8	GT	Nat Gas		1969
	3	37.3	34.5	41.8	GT	Nat Gas		1970
	4	37.3	34.5	41.8	GT	Nat Gas		1970
	5	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
	6	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
	7	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
	8	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
	9	17.6	16.9	19.5	GT	Nat Gas	FO2	1971
Webber (Ionia)	1	2.3	2.3	2.3	HC	Water		1907
	2	1.0	1.0	1.0	HC	Water		1949
Crystal Falls City of								
Crystal Falls (Iron)	1	0.3	0.3	0.3	HC	Water		1914
	2	0.3	0.3	0.3	HC	Water		1924
	3	0.4	0.4	0.4	HC	Water		1954
Detroit City of								
Mistersky (Wayne)	GT1	25.0	26.0	35.0	GT	FO2		1974
	5	44.0	41.0	41.0	ST	FO6		1950
	6	50.0	47.0	47.0	ST	FO6		1958
	7	60.0	58.0	58.0	ST	FO6	Nat Gas	1978
Detroit Edison Co								
Beacon Heating (Wayne)	25	20.0	18.0	18.0	ST	Nat Gas	FO2	1959
Belle River (St Clair)	IC1	2.8	3.0	3.0	IC	FO2		1981
	IC2	2.8	2.0	2.0	IC	FO2		1981
	ST1*	697.5	635.0	635.0	ST	SUB		1984
	ST2*	697.5	645.0	645.0	ST	SUB		1985
	3	2.8	3.0	3.0	IC	FO2		1981
	4	2.8	3.0	3.0	IC	FO2		1981
	5	2.8	3.0	3.0	IC	FO2		1981
Colfax (Livingston)	1	2.8	2.0	2.0	IC	FO2		1969
	2	2.8	3.0	3.0	IC	FO2		1969
	3	2.8	3.0	3.0	IC	FO2		1969
	4	2.8	3.0	3.0	IC	FO2		1969
	5	2.8	3.0	3.0	IC	FO2		1969
Conners Creek (Wayne)	1	2.8	2.0	2.0	IC	FO2		1971
	12	60.0	60.0	60.0	ST	FO2	Nat Gas	1939
	15	135.0	150.0	150.0	ST	BIT		1951
	16	135.0	150.0	150.0	ST	BIT		1951
	2	2.8	3.0	3.0	IC	FO2		1971
Dayton (Wayne)	1	2.0	2.0	2.0	IC	FO2		1966
	2	2.0	2.0	2.0	IC	FO2		1966
	3	2.0	2.0	2.0	IC	FO2		1966
	4	2.0	2.0	2.0	IC	FO2		1966
	5	2.0	2.0	2.0	IC	FO2		1966
Enrico Fermi (Monroe)	GT1	16.0	13.0	19.0	GT	FO2		1966
	GT2	16.0	13.0	19.0	GT	FO2		1966
	2*	1154.0	1028.0	1028.0	NB	Uranium		1985
	3	16.0	13.0	19.0	GT	FO2		1966
	4	16.0	12.0	18.0	GT	FO2		1966
Greenwood (St Clair)	1	815.4	795.0	795.0	ST	FO6		1979
Hancock (Oakland)	1	19.0	11.0	18.0	GT	Nat Gas		1967
	2	19.0	18.0	24.0	GT	Nat Gas		1967
	3	19.0	17.0	22.0	GT	Nat Gas		1967
	4	19.6	17.0	22.0	GT	Nat Gas		1969
	5	41.9	38.0	48.0	GT	Nat Gas		1970
	6	41.9	40.0	49.0	GT	Nat Gas		1970
Harbor Beach (Huron)	IC1	2.0	2.0	2.0	IC	FO2		1967
	IC2	2.0	2.0	2.0	IC	FO2		1967
	1	121.0	103.0	103.0	ST	BIT		1968
Marysville (St Clair)	6	50.0	33.0	33.0	ST	BIT		1930

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Michigan								
Detroit Edison Co								
	7	75.0	83.0	83.0	ST	BIT		1943
	8	75.0	83.0	83.0	ST	BIT		1947
Monroe (Monroe)	IC1	2.8	2.0	2.0	IC	FO2		1969
	IC2	2.8	3.0	3.0	IC	FO2		1969
	IC3	2.8	3.0	3.0	IC	FO2		1969
	IC4	2.8	3.0	3.0	IC	FO2		1969
	IC5	2.8	3.0	3.0	IC	FO2		1969
	1	817.2	750.0	750.0	ST	BIT		1971
	2	822.6	750.0	750.0	ST	BIT		1972
	3	822.6	750.0	750.0	ST	BIT		1973
	4	817.2	754.3	750.0	ST	BIT		1974
Northeast (Macomb)	1	16.0	15.0	20.0	GT	Nat Gas		1967
	2	16.0	15.0	20.0	GT	Nat Gas		1966
	3	16.0	14.0	20.0	GT	Nat Gas		1966
	4	16.0	14.0	20.0	GT	Nat Gas		1966
	5	23.4	18.0	24.0	GT	Nat Gas	FO2	1971
	6	21.3	19.0	23.0	GT	FO2		1971
	7	21.3	20.0	23.0	GT	FO2		1971
Oliver (Huron)	1	2.8	2.0	2.0	IC	FO2		1969
	2	2.8	3.0	3.0	IC	FO2		1969
	3	2.8	3.0	3.0	IC	FO2		1969
	4	2.8	3.0	3.0	IC	FO2		1969
	5	2.8	3.0	3.0	IC	FO2		1969
Placid 12 (Oakland)	1	2.8	2.0	2.0	IC	FO2		1970
	2	2.8	3.0	3.0	IC	FO2		1970
	3	2.8	3.0	3.0	IC	FO2		1970
	4	2.8	3.0	3.0	IC	FO2		1970
	5	2.8	3.0	3.0	IC	FO2		1970
Putnam (Tuscola)	1	2.8	2.0	2.0	IC	FO2		1971
	2	2.8	3.0	3.0	IC	FO2		1971
	3	2.8	3.0	3.0	IC	FO2		1971
	4	2.8	3.0	3.0	IC	FO2		1971
	5	2.8	3.0	3.0	IC	FO2		1971
River Rouge (Wayne)	IC1	2.8	2.0	2.0	IC	FO2		1967
	IC2	2.8	3.0	3.0	IC	FO2		1967
	IC3	2.8	3.0	3.0	IC	FO2		1967
	IC4	2.8	3.0	3.0	IC	FO2		1967
	1	282.6	265.3	270.8	ST	FO6	BFG	1956
	2	292.5	239.0	244.0	ST	BIT	FO6	1957
	3	358.1	267.0	272.0	ST	BIT	FO6	1958
Slocum (Wayne)	1	2.8	2.0	2.0	IC	FO2		1968
	2	2.8	3.0	3.0	IC	FO2		1968
	3	2.8	3.0	3.0	IC	FO2		1968
	4	2.8	3.0	3.0	IC	FO2		1968
	5	2.8	3.0	3.0	IC	FO2		1968
St Clair (St Clair)	1	168.8	163.0	163.0	ST	BIT	FO6	1953
	11	18.6	19.0	23.0	GT	FO2	Nat Gas	1968
	12A	2.8	2.0	2.0	IC	FO2		1970
	12B	2.8	3.0	3.0	IC	FO2		1970
	2	156.3	162.0	162.0	ST	BIT	FO6	1953
	3	156.3	163.0	163.0	ST	BIT	FO6	1954
	4	168.8	164.0	164.0	ST	BIT	FO6	1954
	5	357.8	334.5	341.5	ST	FO6		1959
	6	352.6	294.0	294.0	ST	BIT		1961
	7	544.5	415.0	415.0	ST	BIT		1969
Superior (Washtenaw)	1	16.0	13.0	19.0	GT	FO2		1966
	2	16.0	13.0	19.0	GT	FO2		1966
	3	16.0	12.0	18.0	GT	FO2		1966
	4	16.0	14.0	20.0	GT	FO2		1966
Trenton Channel (Wayne)	7	120.0	132.0	132.0	ST	BIT		1949
	8	120.0	111.0	111.0	ST	BIT		1950
	9	535.5	500.0	500.0	ST	BIT	FO2	1967
Wilmot (Tuscola)	1	2.8	2.0	2.0	IC	FO2		1969
	2	2.8	3.0	3.0	IC	FO2		1969
	3	2.8	3.0	3.0	IC	FO2		1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Michigan								
Detroit Edison Co								
	4	2.8	3.0	3.0	IC	FO2		1969
	5	2.8	3.0	3.0	IC	FO2		1969
Dowagiac City of								
Dowagiac (Cass)	1	1.1	1.0	1.0	IC	Nat Gas	FO2	1962
	2	0.6	0.4	0.4	IC	FO2		1945
	4	1.1	0.9	0.9	IC	FO2		1941
	5	1.1	0.9	0.9	IC	FO2		1949
Edison Sault Electric Co								
Edison Sault (Chippewa)	10	0.6	0.4	0.4	HC	Water		1963
	11	0.6	0.4	0.4	HC	Water		1963
	12	0.6	0.4	0.4	HC	Water		1963
	13	0.6	0.4	0.4	HC	Water		1963
	14	0.6	0.4	0.4	HC	Water		1963
	15	0.6	0.4	0.4	HC	Water		1963
	16	0.6	0.4	0.4	HC	Water		1963
	17	0.6	0.4	0.4	HC	Water		1963
	18	0.6	0.4	0.4	HC	Water		1963
	19	0.6	0.4	0.4	HC	Water		1963
	20	0.6	0.4	0.4	HC	Water		1963
	21	0.6	0.4	0.4	HC	Water		1963
	22	0.6	0.4	0.4	HC	Water		1963
	23	0.6	0.4	0.4	HC	Water		1963
	24	0.6	0.4	0.4	HC	Water		1963
	25	0.6	0.4	0.4	HC	Water		1963
	26	0.6	0.4	0.4	HC	Water		1963
	27	0.6	0.4	0.4	HC	Water		1963
	28	0.6	0.4	0.4	HC	Water		1963
	29	0.6	0.4	0.4	HC	Water		1963
	30	0.6	0.4	0.4	HC	Water		1963
	31	0.6	0.4	0.4	HC	Water		1963
	32	0.6	0.4	0.4	HC	Water		1963
	33	0.6	0.4	0.4	HC	Water		1963
	34	0.6	0.4	0.4	HC	Water		1963
	35	0.6	0.4	0.4	HC	Water		1963
	36	0.6	0.4	0.4	HC	Water		1963
	37	0.6	0.4	0.4	HC	Water		1963
	38	0.6	0.4	0.4	HC	Water		1963
	39	0.6	0.4	0.4	HC	Water		1963
	40	0.6	0.4	0.4	HC	Water		1963
	41	0.4	0.3	0.3	HC	Water		1901
	42	0.4	0.3	0.3	HC	Water		1901
	44	0.5	0.4	0.4	HC	Water		1916
	45	0.5	0.4	0.4	HC	Water		1916
	46	0.6	0.4	0.4	HC	Water		1963
	47	0.6	0.4	0.4	HC	Water		1963
	48	0.6	0.4	0.4	HC	Water		1963
	49	0.6	0.4	0.4	HC	Water		1963
	5	0.6	0.4	0.4	HC	Water		1963
	50	0.6	0.4	0.4	HC	Water		1963
	51	0.6	0.4	0.4	HC	Water		1963
	52	0.6	0.4	0.4	HC	Water		1963
	53	0.6	0.4	0.4	HC	Water		1963
	54	0.6	0.4	0.4	HC	Water		1963
	55	0.6	0.4	0.4	HC	Water		1963
	56	0.6	0.4	0.4	HC	Water		1963
	57	0.6	0.4	0.4	HC	Water		1963
	58	0.6	0.4	0.4	HC	Water		1963
	59	0.6	0.4	0.4	HC	Water		1963
	6	0.6	0.4	0.4	HC	Water		1963
	60	0.6	0.4	0.4	HC	Water		1963
	61	0.6	0.4	0.4	HC	Water		1963
	62	0.5	0.4	0.4	HC	Water		1916
	63	0.5	0.4	0.4	HC	Water		1916
	64	0.5	0.4	0.4	HC	Water		1916

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Michigan								
Edison Sault Electric Co								
	65	0.5	0.4	0.4	HC	Water		1916
	66	0.5	0.4	0.4	HC	Water		1916
	67	0.5	0.4	0.4	HC	Water		1916
	68	0.5	0.4	0.4	HC	Water		1916
	69	0.5	0.4	0.4	HC	Water		1916
	7	0.6	0.4	0.4	HC	Water		1963
	70	0.5	0.4	0.4	HC	Water		1916
	71	0.5	0.4	0.4	HC	Water		1916
	72	0.5	0.4	0.4	HC	Water		1916
	73	0.5	0.4	0.4	HC	Water		1916
	74	0.5	0.4	0.4	HC	Water		1916
	75	0.5	0.4	0.4	HC	Water		1916
	76	0.5	0.4	0.4	HC	Water		1916
	77	0.5	0.4	0.4	HC	Water		1916
	78	0.5	0.4	0.4	HC	Water		1916
	79	0.5	0.4	0.4	HC	Water		1916
	8	0.6	0.4	0.4	HC	Water		1963
	80	0.5	0.4	0.4	HC	Water		1916
	9	0.6	0.4	0.4	HC	Water		1963
Manistique (Schoolcraft)	1	2.0	2.0	2.0	IC	FO2		1960
	2	2.8	2.8	2.8	IC	FO2		1972
St Ignace (Mackinac)	8	1.4	1.4	1.4	IC	FO2		1953
	9	1.5	1.5	1.5	IC	FO2		1955
Grand Haven City of								
Diesel Plant (Ottawa)	1	7.0	6.0	6.0	IC	FO2	Nat Gas	1974
	2	2.7	2.2	2.2	IC	FO5		1942
	5	3.0	2.5	2.5	IC	FO2		1954
	6	2.7	2.2	2.2	IC	FO2	Nat Gas	1948
	7	5.5	4.5	4.5	IC	FO5		1952
	8	1.0	0.8	0.8	IC	FO2		1951
	9	1.0	0.8	0.8	IC	FO2		1951
J B Sims (Ottawa)	1	7.5	10.0	10.0	ST	BIT		1961
	2	7.5	10.0	10.0	ST	BIT		1961
	3	65.0	58.0	58.0	ST	BIT		1983
Hart Hydro City of								
Hart (Oceana)	IC1	1.1	1.1	1.1	IC	FO2	Nat Gas	1985
	IC3	1.4	1.4	1.4	IC	FO2	Nat Gas	1985
	2	0.6	0.6	0.6	IC	FO2		1938
	4	1.7	1.7	1.7	IC	Nat Gas	FO2	1964
Hart Hydro (Oceana)	1	0.2	0.2	0.2	HC	Water		1926
	2	0.2	0.2	0.2	HC	Water		1926
Hillsdale City of								
Hillsdale (Hillsdale)	2	2.7	1.9	1.9	IC	FO2		1947
	3	3.5	2.5	2.5	IC	Nat Gas	FO2	1954
	4	4.2	3.8	3.8	IC	Nat Gas	FO2	1960
	5	5.6	5.6	5.6	IC	Nat Gas	FO2	1973
	6	6.0	6.0	6.0	IC	Nat Gas	FO2	1976
Holland City of								
James De Young (Ottawa)	3	11.5	10.5	10.5	ST	BIT		1951
	4	22.0	20.5	20.5	ST	BIT	Nat Gas	1962
	5	28.8	27.0	27.0	ST	BIT		1969
Sixth Street (Ottawa)	1	24.0	20.0	24.0	GT	FO2		1974
Indiana Michigan Power Co								
Berrien Springs (Berrien)	1	1.8	3.0[2]	3.0[2]	HC	Water		1908
	2	1.8	-[2]	-[2]	HC	Water		1918
	3	1.8	-[2]	-[2]	HC	Water		1908
	4	1.8	-[2]	-[2]	HC	Water		1908
Buchanan (Berrien)	1	0.4	2.0[2]	2.0[2]	HC	Water		1919
	10	0.5	-[2]	-[2]	HC	Water		1927
	2	0.4	-[2]	-[2]	HC	Water		1919
	3	0.4	-[2]	-[2]	HC	Water		1920

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Michigan								
Indiana Michigan Power Co								
	4	0.4	-[2]	-[2]	HC	Water		1920
	5	0.4	-[2]	-[2]	HC	Water		1920
	6	0.4	-[2]	-[2]	HC	Water		1920
	7	0.5	-[2]	-[2]	HC	Water		1927
	8	0.5	-[2]	-[2]	HC	Water		1927
	9	0.5	-[2]	-[2]	HC	Water		1927
Donald C Cook (Berrien)	1	1152.0	1030.0	1030.0	NP	Uranium		1975
	2	1133.3	1100.0	1100.0	NP	Uranium		1978
Lansing City of								
Eckert Station (Ingham)	1	50.0	43.0	44.0	ST	BIT		1954
	2	46.0	43.0	44.0	ST	BIT		1958
	3	50.0	43.0	44.0	ST	BIT		1960
	4	75.0	71.0	73.0	ST	BIT		1964
	5	75.0	71.0	73.0	ST	BIT		1968
	6	75.0	71.0	73.0	ST	BIT		1970
Erickson (Eaton)	1	162.0	159.0	159.0	ST	BIT		1972
Moores Park (Ingham)	HC2	0.5	0.5	0.5	HC	Water		1907
	1	0.5	0.5	0.5	HC	Water		1907
North Lansing (Ingham)	1	0.2	0.2	0.2	HC	Water		1936
Ottawa Street (Ingham)	1	25.0	25.0	25.0	ST	BIT		1940
	2	25.0	27.0	27.0	ST	BIT		1948
	3	25.0	27.0	27.0	ST	BIT		1951
	4	2.5	1.5	2.5	ST	BIT		1939
	5	4.0	4.0	4.0	ST	BIT		1939
Lowell City of								
Lowell (Kent)	3	0.9	0.8	0.9	IC	FO2		1941
	4	1.5	1.3	1.4	IC	FO2		1947
	5	1.1	1.0	1.1	IC	Nat Gas	FO2	1965
	6	1.1	1.0	1.1	IC	Nat Gas	FO2	1956
	7	1.4	1.2	1.4	IC	Nat Gas	FO2	1973
Marquette City of								
Frank J Russell (Marquette)	1	1.0	0.7	0.7	HC	Water		1924
Plant Four (Marquette)	GT1	25.0	23.0	27.0	GT	FO2		1979
Plant Two (Marquette)	1	1.9	1.9	1.9	HC	Water		1919
	2	1.9	1.9	1.9	HC	Water		1922
Shiras (Marquette)	1	12.5	14.0	14.0	ST	BIT		1967
	2	21.0	15.0	15.0	ST	BIT		1972
	3	43.7	40.7	40.7	ST	SUB		1982
Marshall City of								
Marshall (Calhoun)	IC2	1.1	0.9	0.9	IC	FO2	Nat Gas	1953
	IC3	2.1	1.9	1.9	IC	FO2	Nat Gas	1973
	IC4	1.0	0.7	0.7	IC	FO2		1942
	IC5	1.7	1.4	1.4	IC	FO2	Nat Gas	1948
	IC6	5.7	5.6	5.6	IC	FO2	Nat Gas	1978
	1	0.2	0.2	0.2	HC	Water		1928
	3	0.1	0.1	0.1	HC	Water		1929
Michigan Power Co								
Constantine (St Joseph)	1	0.3	0.0	0.0	HC	Water		1923
	2	0.3	0.0	0.0	HC	Water		1921
	3	0.3	0.0	0.0	HC	Water		1929
	4	0.3	0.0	0.0	HC	Water		1923
Mottville (St Joseph)	1	0.4	0.0	0.0	HC	Water		1923
	2	0.4	0.0	0.0	HC	Water		1923
	3	0.4	0.0	0.0	HC	Water		1923
	4	0.4	0.0	0.0	HC	Water		1923
Michigan South Central Pwr Agy								
Endicott Generating (Hillsdale)	1	55.0	50.0	55.0	ST	BIT		1982

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Michigan								
Mid-State Service Co								
Middleville (Barry)	1	0.4	0.3	0.3	HC	Water		1940
Trving (Barry)	1	0.6	0.5	0.5	HC	Water		1940
Newberry City of								
Newberry (Luce)	1	3.1	2.5	2.5	IC	FO2		1974
	2	0.7	0.5	0.5	IC	FO2		1948
	4	1.8	1.5	1.5	IC	FO2		1988
Niles City of								
Niles (Berrien)	1	0.5	0.5	0.5	HC	Water		1928
Northern States Power Co								
Superior Falls (Gogebic)	1	0.7	1.0	1.0	HC	Water		1917
	2	0.7	1.0	1.0	HC	Water		1917
Norway City of								
Norway (Dickinson)	1	2.0	1.5	1.5	HC	Water		1905
	2	1.2	1.2	1.2	HC	Water		1905
	3	0.8	0.7	0.7	HC	Water		1986
	4	0.8	0.7	0.7	HC	Water		1986
Portland City of								
Frank Jenkins (Ionia)	3	0.3	0.2	0.3	IC	FO2		1935
	4	0.8	0.8	0.8	IC	FO2		1950
Portland (Ionia)	1	0.1	0.1	0.1	HC	Water		1930
	2	0.3	0.3	0.3	HC	Water		1930
Sebewaing City of								
Main Street (Huron)	1	1.0	0.9	1.0	IC	Nat Gas	FO2	1961
	2	0.9	0.8	0.9	IC	FO2		1947
	3	1.1	1.1	1.1	IC	Nat Gas	FO2	1966
	4	1.4	1.3	1.3	IC	Nat Gas	FO2	1966
	5	1.1	1.1	1.1	IC	Nat Gas	FO2	1979
	6	0.7	0.6	0.7	IC	Nat Gas	FO2	1967
Pine Street (Huron)	1	1.1	1.1	1.1	IC	Nat Gas	FO2	1969
	2	1.0	1.1	1.1	IC	Nat Gas	FO2	1969
	3	1.1	1.1	1.1	IC	FO2		1986
	4	1.1	1.1	1.1	IC	FO2		1988
St Louis City of								
St Louis (Gratiot)	1	1.4	1.4	1.4	IC	FO2	Nat Gas	1958
	2	0.7	0.7	0.7	IC	FO2		1945
	3	1.0	1.0	1.0	IC	FO2		1951
	4	0.5	0.5	0.5	IC	FO2		1936
	5	0.2	0.2	0.3	HC	Water		1919
	6	0.2	0.2	0.2	HC	Water		1919
Sturgis City of								
Diesel Plant (St Joseph)	1	1.0	0.8	0.8	IC	FO2		1947
	2	1.0	0.8	0.8	IC	FO2		1948
	4	1.0	0.6	0.6	IC	FO2		1947
	5	1.0	0.6	0.6	IC	FO2		1947
	6	6.0	6.0	6.0	IC	Nat Gas	FO2	1981
Hydro Plant (St Joseph)	1	0.4	0.4	0.4	HC	Water		1911
	2	0.4	0.4	0.4	HC	Water		1911
	3	0.8	0.8	0.8	HC	Water		1983
	4	0.8	0.8	0.8	HC	Water		1983
Thumb Electric Coop-Michigan								
Caro (Tuscola)	1	1.3	1.0	1.0	IC	FO2		1949
	2	1.3	1.0	1.0	IC	FO2		1949
	3	1.3	1.0	1.0	IC	FO2		1952
	4	1.5	1.5	1.5	IC	FO2		1984
Ubly (Huron)	1	0.6	0.6	0.6	IC	FO2		1938
	2	0.7	0.6	0.6	IC	FO2		1938
	3	0.7	0.7	0.7	IC	FO2		1938

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Michigan								
Thumb Electric Coop-Michigan								
	4	1.0	1.0	1.0	IC	FO2		1947
	5	1.6	1.4	1.6	IC	FO2		1987
Traverse City City of								
Bayside (Grand Traverse)	1	2.5	3.0	3.0	ST	BIT		1946
	2	5.0	6.0	6.0	ST	BIT		1950
	3	7.5	9.0	9.0	ST	Nat Gas		1954
	4	16.5	14.0	14.0	ST	BIT		1968
Boardman (Grand Traverse)	HC1	1.2	0.9	0.8	HC	Water		1985
Brown Bridge (Grand Traverse)	1	0.4	0.3	0.3	HC	Water		1921
	2	0.3	0.2	0.2	HC	Water		1921
Elk Rapids (Antrim)	3*	0.4	0.2	0.2	HC	Water		1984
	4*	0.4	0.2	0.2	HC	Water		1984
Sabin (Grand Traverse)	HC1	0.5	0.5	0.4	HC	Water		1985
Union City City of								
Riley (Branch)	1	0.3	0.3	0.3	HC	Water		1922
	2	0.2	0.2	0.2	HC	Water		1922
Union City (Branch)	1	0.3	0.3	0.3	IC	FO2		1941
	2	0.3	0.3	0.3	IC	FO2		1941
	3	0.3	0.3	0.3	IC	FO2		1941
Upper Peninsula Power Co								
AuTrain (Alger)	1	0.5	0.5	0.5	HC	Water		1988
	2	0.5	0.6	0.6	HC	Water		1988
Cataract (Marquette)	1	2.0	1.5	1.5	HC	Water		1988
Escanaba (Delta)	1	11.5	12.7	12.7	ST	BIT		1958
	2	11.5	12.7	12.7	ST	BIT		1958
Gladstone (Delta)	1	22.6	23.8	27.5	GT	FO2		1975
Hoist (Marquette)	1	1.0	1.0	1.0	HC	Water		1988
	2	1.4	1.5	1.5	HC	Water		1988
	3	2.0	1.8	1.8	HC	Water		1988
John H Warden (Baraga)	1	18.8	17.7	17.7	ST	BIT	FO2	1959
McClure (Marquette)	1	4.0	4.3	4.3	HC	Water		1988
	2	4.0	4.4	4.4	HC	Water		1988
Portage (Houghton)	1	22.6	23.8	27.5	GT	FO2		1973
Prickett (Baraga)	1	1.1	1.1	1.1	HC	Water		1931
	2	1.1	1.1	1.1	HC	Water		1931
Victoria (Ontonagon)	1	6.0	6.2	6.2	HC	Water		1930
	2	6.0	6.2	6.2	HC	Water		1930
USCE-Detroit District								
Saint Marys Falls (Chippewa)	1	4.8	5.3	5.3	HC	Water		1951
	10	2.0	2.0	2.0	HC	Water		1932
	2	4.8	5.3	5.3	HC	Water		1951
	3	4.8	5.3	5.3	HC	Water		1951
	3A	2.0	2.0	2.0	HC	Water		1953
Wisconsin Electric Power Co								
Big Quinnesec 61 (Dickinson)	4	1.8	-[6]	-[6]	HC	Water		1914
	5	1.8	-[6]	-[6]	HC	Water		1914
Big Quinnesec 92 (Dickinson)	1	8.0	14.0[6]	16.0[6]	HC	Water		1949
	2	8.0	-[6]	-[6]	HC	Water		1949
Brule (Iron)	1	1.3	3.5[2]	4.0[2]	HC	Water		1919
	2	2.0	-[2]	-[2]	HC	Water		1919
	3	2.0	-[2]	-[2]	HC	Water		1921
Chalk Hill (Menominee)	1	2.6	6.0[2]	4.1[2]	HC	Water		1927
	2	2.6	-[2]	-[2]	HC	Water		1927
	3	2.6	-[2]	-[2]	HC	Water		1927
Hemlock Falls (Iron)	1	2.8	2.4	2.5	HC	Water		1953
Kingsford (Dickinson)	1	2.4	5.2[2]	5.2[2]	HC	Water		1924
	2	2.4	-[2]	-[2]	HC	Water		1924
	3	2.4	-[2]	-[2]	HC	Water		1924
Lower Paint (Iron)	1	0.1	0.1	0.1	HC	Water		1952
Michigamme Falls (Iron)	1	4.8	8.8[2]	8.8[2]	HC	Water		1953
	2	4.8	-[2]	-[2]	HC	Water		1953

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Michigan								
Wisconsin Electric Power Co								
Peavy Falls (Iron)	1	6.0	11.0[2]	11.0[2]	HC	Water		1943
	2	6.0	-[2]	-[2]	HC	Water		1943
Presque Isle (Marquette)	1	25.0	25.0	25.0	ST	BIT		1955
	2	37.5	37.0	37.0	ST	BIT		1962
	3	54.4	56.0	56.0	ST	BIT		1963
	4	57.8	57.0	57.0	ST	BIT		1966
	5	90.0	84.0	84.0	ST	BIT		1974
	6	90.0	85.0	85.0	ST	BIT		1975
	7	90.0	81.0	81.0	ST	SUB		1978
	8	90.0	83.0	83.0	ST	SUB		1978
	9	90.0	84.0	84.0	ST	SUB		1979
Sturgeon (Dickinson)	1	0.8	0.8	0.8	HC	Water		1923
Twin Falls (Dickinson)	1	1.2	3.9[2]	5.6[2]	HC	Water		1913
	2	1.2	-[2]	-[2]	HC	Water		1913
	3	1.2	-[2]	-[2]	HC	Water		1913
	4	1.2	-[2]	-[2]	HC	Water		1916
	5	1.2	-[2]	-[2]	HC	Water		1916
Way (Iron)	1	1.8	1.4	1.4	HC	Water		1949
White Rapids (Menominee)	1	3.0	7.6[2]	7.2[2]	HC	Water		1927
	2	2.0	-[2]	-[2]	HC	Water		1927
	3	3.0	-[2]	-[2]	HC	Water		1927
Wisconsin Public Service Corp								
Grand Rapids (Menominee)	1	1.1	1.1	1.1	HC	Water		1910
	2	1.1	1.1	1.1	HC	Water		1910
	3	1.5	1.5	1.5	HC	Water		1912
	4	1.4	1.4	1.4	HC	Water		1918
	5	1.9	1.9	1.9	HC	Water		1923
Wolverine Power Corp								
Edenville (Gladwin)	1	2.4	2.6	2.7	HC	Water		1925
	2	2.4	2.6	2.7	HC	Water		1925
Sanford (Midland)	1	1.1	1.0	1.0	HC	Water		1925
	2	1.1	1.0	1.0	HC	Water		1925
	3	1.1	1.0	1.0	HC	Water		1925
Secord (Gladwin)	1	1.2	1.3	1.3	HC	Water		1925
Smallwood (Gladwin)	1	1.2	1.1	1.1	HC	Water		1925
Wolverine Pwr Supply Coop Inc								
Advance (Charlevoix)	1	7.5	7.5	7.5	ST	BIT		1953
	2	7.5	7.5	7.5	ST	BIT		1953
	3	22.0	23.0	24.0	ST	BIT		1966
Beaver Island (Charlevoix)	IC7	0.5	0.5	0.5	IC	FO2		1984
	3	0.1	0.1	0.1	IC	FO2		1950
	4	0.1	0.1	0.1	IC	FO2		1960
	5	0.2	0.2	0.2	IC	FO2		1967
	6	0.4	0.4	0.4	IC	FO2		1982
C A Winder (Ionia)	1	1.0	1.0	1.0	IC	FO2		1950
	2	1.1	1.0	1.0	IC	FO2		1948
	3	1.0	1.0	1.0	IC	FO2		1946
	4	0.5	0.5	0.5	IC	FO2		1941
	5	0.5	0.5	0.5	IC	FO2		1941
Claude Vandyke (Allegan)	2	0.4	0.3	0.3	IC	Nat Gas	FO2	1947
	4	0.6	0.6	0.6	IC	Nat Gas	FO2	1950
	5	3.5	3.0	3.5	IC	Nat Gas	FO2	1959
	6	23.0	22.0	25.0	CS	Nat Gas	FO2	1967
George Johnson (Osceola)	1	0.7	0.6	0.7	IC	FO2		1947
	2	0.7	0.6	0.7	IC	FO2		1948
	3	1.1	1.0	1.1	IC	FO2		1949
	4	2.5	2.3	2.5	IC	FO2		1951
	5	2.5	2.3	2.5	IC	FO2		1951
	6	2.5	2.3	2.5	IC	FO2		1952
	7	11.0	10.0	12.0	GT	FO2		1973
	8	11.0	10.0	12.0	GT	FO2		1973
Kleber (Cheboygan)	1	0.6	0.6	0.6	HC	Water		1949
	2	0.6	0.6	0.6	HC	Water		1949

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Michigan								
Wolverine Pwr Supply Coop Inc								
Scottville (Mason)	1	0.3	0.3	0.3	IC	FO2		1941
	2	0.3	0.3	0.3	IC	FO2		1941
	3	0.3	0.3	0.3	IC	FO2		1941
	4	1.1	1.1	1.1	IC	FO2		1947
	5	1.1	1.1	1.1	IC	FO2		1947
	6	1.9	1.8	1.9	IC	FO2		1961
Tower (Cheboygan)	GT4	22.0	18.0	25.0	GT	FO2		1971
	IC1	1.3	1.2	1.3	IC	FO2		1948
Tower (Cheboygan)	1	0.3	0.3	0.3	HC	Water		1917
	2	0.3	0.3	0.3	HC	Water		1917
Tower (Cheboygan)	2	1.3	1.2	1.3	IC	FO2		1948
	3	1.3	1.2	1.3	IC	FO2		1951
Vestaburg (Montcalm)	2	0.3	0.3	0.3	IC	Nat Gas	FO2	1939
	4	0.7	0.7	0.7	IC	Nat Gas	FO2	1939
	5	0.7	0.7	0.7	IC	Nat Gas	FO2	1941
	6	3.0	3.0	3.0	IC	Nat Gas	FO2	1959
	7	3.0	3.0	3.0	IC	Nat Gas	FO2	1960
Wyandotte Municipal Serv Comm								
Wyandotte (Wayne)	4	11.5	10.5	11.5	ST	Nat Gas		1948
	5	22.0	20.0	24.0	ST	BIT	Nat Gas	1958
	6	7.5	7.5	7.5	ST	FO2	BIT	1969
	7	32.0	32.0	32.0	ST	BIT	Nat Gas	1986
Zeeland City of								
Zeeland (Ottawa)	1	1.4	1.4	1.4	IC	Nat Gas	FO2	1966
	10	5.6	5.6	5.6	IC	Nat Gas	FO2	1974
	11	6.0	6.0	6.0	IC	Nat Gas	FO2	1980
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1967
	5	1.0	1.0	1.0	IC	FO2		1946
	7	2.0	2.0	2.0	IC	Nat Gas	FO2	1957
	8	1.7	1.7	1.7	IC	Nat Gas	FO2	1963
	9	4.5	4.5	4.5	IC	Nat Gas	FO2	1971

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Minnesota								
Adrian Public Utilities Comm								
Adrian (Nobles)	3	0.5	0.4	0.5	IC	FO2		1948
	4	0.6	0.6	0.6	IC	FO2		1954
Aitkin Public Utilities Comm								
Aitkin (Aitkin)	1	0.1	0.1	0.1	IC	FO2		1936
	4	0.3	0.3	0.3	IC	FO2		1930
	5	0.8	0.7	0.7	IC	FO2		1947
	6	1.2	1.0	1.0	IC	FO2		1953
Alexandria City of								
Alexandria (Douglas)	IC1	1.0	1.0	1.0	IC	FO2		1948
	IC2	4.0	3.7	3.7	IC	FO2	Nat Gas	1967
	IC3	4.0	3.7	3.7	IC	FO2	Nat Gas	1967
Austin City of								
Austin-DT (Mower)	5	6.0	5.4	5.4	GT	Nat Gas	FO2	1961
Northeast Station (Mower)	1	31.9	29.3	29.3	ST	BIT	Nat Gas	1971
Baudette City of								
Baudette (Lake of The Woods)	2	1.1	1.1	1.1	IC	FO2		1960
	3	0.2	0.2	0.2	IC	FO2		1936
	4	0.3	0.3	0.3	IC	FO2		1946
	5	0.3	0.3	0.3	IC	FO2		1950
Benson City of								
Benson (Swift)	3	0.3	0.3	0.3	IC	FO2		1936
	4	0.6	0.6	0.6	IC	FO2		1939
	5	0.9	0.9	0.9	IC	FO2		1948
	6	1.3	1.3	1.3	IC	FO2		1955
Blooming Prairie City of								
Blooming Prairie (Steele)	1	0.3	0.3	0.3	IC	FO2		1937
	2	0.7	0.7	0.7	IC	FO2		1947
	3	1.4	1.4	1.4	IC	FO2		1957
	4	1.2	1.2	1.2	IC	FO2		1974
Blue Earth City of								
Blue Earth (Faribault)	IC1	1.5	1.5	1.5	IC	FO2	Nat Gas	1960
	IC2	3.5	3.5	3.5	IC	FO2	Nat Gas	1969
Buhl City of								
Buhl (St Louis)	IC1	0.7	0.4	0.4	IC	FO2		1955
Coop Power Assn								
Bonifacius (Carver)	1	47.6	47.6	49.9	GT	FO2		1978
Delano City of								
Delano (Wright)	1	1.1	1.1	1.1	IC	FO2		1951
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1972
	3	1.3	1.4	1.4	IC	Nat Gas	FO2	1973
	4	0.3	0.3	0.3	IC	FO2		1939
	5	0.8	0.8	0.8	IC	FO2		1946
Detroit Lakes City of								
Detroit Lakes (Becker)	1	12.5	10.0	10.0	GT	FO2		1968
Elk River City of								
Elk River (Sherburne)	1	0.6	0.6	0.6	IC	FO2		1948
	2	0.6	0.6	0.6	IC	FO2		1948
	3	3.0	3.0	3.0	IC	Nat Gas	FO2	1962
	4	5.0	5.0	5.0	IC	Nat Gas	FO2	1972
Fairfax City of								
Fairfax (Renville)	1	0.9	0.9	0.9	IC	FO2		1948
	2	0.2	0.2	0.2	IC	FO2		1938
	4	0.6	0.6	0.6	IC	FO2		1940

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Minnesota								
Fairmont Public Utilities Comm								
Fairmont (Martin)	3	5.0	5.1	5.1	ST	BIT	FO6	1945
	4	5.0	4.7	4.8	ST	BIT	FO6	1949
	5	12.5	13.6	13.6	ST	BIT	FO6	1959
	6	6.5	6.5	6.5	IC	FO2	Nat Gas	1975
	7	6.5	6.3	6.3	IC	FO2	Nat Gas	1975
Glencoe Light & Power Comm								
Glencoe (McLeod)	10	7.1	5.7	5.7	IC	FO2		1985
	5	1.4	1.1	1.1	IC	Nat Gas	FO2	1957
	6	1.4	1.1	1.1	IC	Nat Gas	FO2	1961
	7	4.1	3.3	3.3	IC	Nat Gas	FO2	1966
	8	5.6	4.5	4.5	IC	Nat Gas	FO2	1969
	9	7.2	5.7	5.7	IC	Nat Gas	FO2	1973
Grand Marais City of								
Grand Marais (Cook)	1	0.6	0.6	0.6	IC	FO2		1950
	2	0.7	0.7	0.7	IC	FO2		1956
	3	0.3	0.2	0.2	IC	FO2		1947
	4	0.1	0.1	0.1	IC	FO2		1940
	5	1.1	1.1	1.1	IC	FO2		1962
	6	1.2	1.2	1.2	IC	FO2		1969
Granite Falls Town of								
Granite Falls (Chippewa)	HC3	0.7	0.7	0.7	HC	Water		1986
	1	0.3	0.3	0.3	HC	Water		1940
	2	0.3	0.3	0.3	HC	Water		1932
Halstad City of								
Halstad (Norman)	1	0.6	0.6	0.6	IC	FO2		1954
	2	0.3	0.3	0.3	IC	FO2		1939
	3	0.2	0.2	0.2	IC	FO2		1946
Hibbing Public Utilities Comm								
Hibbing (St Louis)	3	10.0	10.0	10.0	ST	SUB	Nat Gas	1965
	4	1.5	1.5	1.5	ST	SUB	Nat Gas	1941
	5	19.5	19.5	19.5	ST	SUB	Nat Gas	1985
Hutchinson Utilities Comm								
Plant 1 (McLeod)	2	2.0	1.6	1.8	IC	Nat Gas	FO2	1958
	3	4.0	3.6	4.0	IC	Nat Gas	FO2	1968
	4	4.0	3.6	4.0	IC	Nat Gas	FO2	1968
	5	2.0	1.5	1.8	IC	FO2		1941
	6	2.0	1.5	1.8	IC	FO2		1947
	7	5.0	3.6	4.0	IC	Nat Gas	FO2	1964
	8	16.0	12.0	16.0	CS	Nat Gas	FO2	1971
Plant 2 (McLeod)	1	25.0	22.0	26.0	GT	FO2		1977
Interstate Power Co								
Fox Lake (Martin)	1	11.5	12.0	12.0	ST	Nat Gas	FO6	1950
	2	11.5	12.0	12.0	ST	Nat Gas	FO6	1951
	3	81.6	84.0	86.0	ST	BIT	Nat Gas	1962
	4	29.6	21.3	26.1	GT	FO2		1974
Hills (Rock)	2	2.0	2.0	2.0	IC	FO2		1960
Montgomery (Le Sueur)	1	29.6	22.2	27.4	GT	FO2		1974
Rushford (Fillmore)	1	2.0	2.0	2.0	IC	FO2		1961
Janesville City of								
Janesville (Waseca)	1	1.1	1.0	1.0	IC	Nat Gas	FO2	1965
	2	1.3	1.1	1.2	IC	Nat Gas	FO2	1972
	3	0.7	0.6	0.6	IC	Nat Gas	FO2	1955
Kenyon Municipal Utilities								
Kenyon Municipal (Goodhue)	1	0.5	0.4	0.4	IC	FO2		1941
	2	0.2	0.2	0.2	IC	FO2		1932
	3	0.2	0.2	0.2	IC	FO2		1932
	4	1.0	0.8	0.8	IC	FO2		1947

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Minnesota								
Lake Crystal City of								
Lake Crystal (Blue Earth)	1	0.7	0.7	0.7	IC	Nat Gas	FO2	1952
	3	2.1	2.1	2.1	IC	Nat Gas	FO2	1971
	4	1.3	1.3	1.3	IC	Nat Gas	FO2	1955
Lanesboro Public Utility Comm								
Lanesboro (Fillmore)	2	0.3	0.2	0.2	HC	Water		1923
	3	0.4	0.4	0.4	IC	FO2		1928
	4	0.3	0.3	0.3	IC	FO2		1928
	5	1.0	0.9	0.9	IC	FO2		1967
Le Sueur City of								
Le Sueur (Le Sueur)	1	0.4	0.3	0.3	IC	FO2	Nat Gas	1937
	4	1.5	1.2	1.2	IC	FO2	Nat Gas	1952
	5	1.5	1.0	1.0	IC	FO2	Nat Gas	1947
Litchfield Public Utility Comm								
Litchfield (Meeker)	IC1	0.6	0.6	0.6	IC	FO2		1934
	IC2	0.9	0.9	0.9	IC	FO2		1939
	ST1	3.0	3.0	1.0	ST	BIT	FO2	1948
	3	1.4	1.4	1.4	IC	FO2		1942
	4	1.0	1.0	1.0	IC	FO2		1947
	5	2.1	2.1	2.1	IC	FO2	Nat Gas	1963
	6	2.1	2.1	2.1	IC	FO2	Nat Gas	1963
Luverne City of								
Luverne (Rock)	3	3.0	3.0	3.0	ST	Nat Gas	FO2	1951
	4A	0.3	0.3	0.3	IC	FO2		1936
	4B	0.6	0.6	0.6	IC	FO2		1941
	4C	3.5	3.5	3.5	IC	FO2	Nat Gas	1967
Madelia City of								
Madelia (Watonwan)	2	2.1	1.5	1.6	IC	Nat Gas	FO2	1965
	3	1.1	0.9	0.9	IC	Nat Gas	FO2	1958
	4	4.3	3.8	3.8	IC	Nat Gas	FO2	1973
	5	1.4	1.1	1.2	IC	Nat Gas	FO2	1954
Madison City of								
Madison (Lac Qui Parle)	IC1	0.5	0.4	0.4	IC	FO2		1938
	2	0.5	0.4	0.4	IC	FO2		1938
Marshall City of								
Marshall (Lyon)	1	0.6	0.6	0.6	IC	FO2		1932
	2	1.0	1.0	1.0	IC	FO2		1938
	3	1.2	1.1	1.1	IC	FO2		1940
	4	1.1	1.0	1.0	IC	FO2		1948
	6	16.5	15.5	19.0	GT	FO2		1969
Melrose City of								
Melrose (Stearns)	1	1.0	0.8	0.8	IC	FO2		1945
	2	1.1	0.8	0.8	IC	FO2		1948
	3	3.0	3.0	3.0	IC	FO2	Nat Gas	1969
	4	3.0	3.0	3.0	IC	FO2	Nat Gas	1969
Minnesota Power & Light Co								
Blanchard (Morrison)	1	6.0	5.9	5.9	HC	Water		1925
	2	6.0	5.9	5.9	HC	Water		1925
	3	6.0	6.1	5.9	HC	Water		1988
Clay Boswell (Itasca)	1	75.0	69.0	69.0	ST	SUB	FO2	1958
	2	75.0	69.0	69.0	ST	SUB	FO2	1959
	3	364.5	350.0	350.0	ST	SUB	FO2	1973
	4	558.0	517.0	517.0	ST	SUB	FO2	1980
Fond Du Lac (St Louis)	1	12.0	11.8	11.8	HC	Water		1924
Knife Falls (Carlton)	1	0.8	0.6	0.6	HC	Water		1922
	2	0.8	0.6	0.6	HC	Water		1922
	3	0.8	0.6	0.6	HC	Water		1922
Little Falls (Morrison)	1	0.8	0.8	0.8	HC	Water		1919
	2	0.8	0.8	0.8	HC	Water		1919

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Minnesota								
Minnesota Power & Light Co								
	3	1.1	1.1	1.1	HC	Water		1920
	4	1.2	1.3	1.3	HC	Water		1979
	5	0.3	0.3	0.3	HC	Water		1906
	6	0.3	0.3	0.3	HC	Water		1906
M L Hibbard (St Louis)	1	25.0	25.0	25.0	ST	FO6		1931
	2	25.0	25.0	25.0	ST	FO6		1943
	3	35.0	35.0	35.0	ST	SUB	Nat Gas	1949
	4	37.5	39.0	39.0	ST	SUB	Nat Gas	1951
Pillager (Cass)	1	0.8	0.9	0.9	HC	Water		1917
	2	0.8	0.9	0.9	HC	Water		1917
Prairie River (Itasca)	1	0.7	0.5	0.5	HC	Water		1920
	2	0.4	0.4	0.4	HC	Water		1920
Scanlon (Carlton)	1	0.4	0.4	0.4	HC	Water		1923
	2	0.4	0.4	0.4	HC	Water		1923
	3	0.4	0.4	0.4	HC	Water		1923
	4	0.4	0.4	0.4	HC	Water		1923
Syl Laskin (St Louis)	1	58.1	41.0	41.0	ST	SUB	FO2	1953
	2	58.0	41.0	41.0	ST	SUB	FO2	1953
Sylvan (Cass)	1	0.6	0.6	0.4	HC	Water		1913
	2	0.6	0.6	0.4	HC	Water		1913
	3	0.6	0.6	0.4	HC	Water		1915
Thomson (Carlton)	1	9.0	10.0	10.0	HC	Water		1907
	2	13.0	12.0	12.0	HC	Water		1907
	3	13.0	12.0	12.0	HC	Water		1907
	4	10.8	12.0	12.0	HC	Water		1914
	5	10.8	11.0	11.0	HC	Water		1919
	6	12.0	13.0	13.0	HC	Water		1949
Winton (Lake)	2	2.0	2.0	2.0	HC	Water		1923
	3	2.0	2.0	2.0	HC	Water		1923
Minnkota Power Coop Inc								
Hawley (Clay)	1	0.1	0.1	0.1	IC	FO2		1932
	2	0.7	0.7	0.7	IC	FO2	Nat Gas	1957
	3	0.1	0.1	0.1	IC	FO2		1938
	4	0.3	0.3	0.3	IC	FO2		1946
	5	0.3	0.3	0.3	IC	FO2		1949
Moorhead City of								
Moorhead (Clay)	6	10.0	8.0	10.0	GT	FO2		1960
	7	23.5	23.0	23.0	ST	LIG		1970
Moose Lake Water & Light Comm								
Moose Lake (Carlton)	1	1.3	1.3	1.3	IC	Nat Gas	FO2	1973
	2	1.0	1.0	1.0	IC	Nat Gas	FO2	1952
	4	1.3	1.3	1.3	IC	Nat Gas	FO2	1963
Mora City of								
Mora (Kanabec)	2	1.1	0.9	0.9	IC	Nat Gas	FO2	1957
	5	5.8	5.7	5.7	IC	Nat Gas	FO2	1972
	6	7.0	7.0	7.0	IC	Nat Gas	FO2	1975
Mountain Lake City of								
Mountain Lake (Cottonwood)	1	0.7	0.4	0.5	IC	FO2		1946
	2	1.1	1.0	1.1	IC	FO2		1954
	3	0.2	0.2	0.2	IC	FO2		1935
	4	2.1	2.2	2.6	IC	FO2		1968
	5	1.4	1.3	1.5	IC	FO2		1959
New Prague Mun Utils Comm								
New Prague (Le Sueur)	1	1.4	1.0	1.0	IC	Nat Gas	FO2	1948
	2	4.4	4.4	4.4	IC	Nat Gas	FO2	1978
	3	2.4	2.5	2.5	IC	Nat Gas	FO2	1962
	4	3.5	3.6	3.6	IC	Nat Gas	FO2	1968
	5	0.6	0.6	0.6	IC	Nat Gas		1944
	6	6.0	5.9	5.9	IC	Nat Gas	FO2	1982

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Minnesota								
New Ulm Public Utilities Comm								
New Ulm (Brown)	3	6.0	6.0	6.0	ST	BIT		1957
	4	15.0	15.0	15.0	ST	BIT	Nat Gas	1964
	5	24.0	24.0	24.0	GT	FO2		1975
North Branch Water&Light Comm								
North Branch (Chisago)	1	0.9	0.9	0.9	IC	FO2	Nat Gas	1960
	4	1.4	1.4	1.4	IC	FO2	Nat Gas	1970
Northern States Power Co								
Allen S King (Washington)	1	598.4	550.0	571.0	ST	BIT	WD	1968
Black Dog (Dakota)	1	81.0	71.0	72.0	ST	BIT	Nat Gas	1952
	2	100.0	96.0	96.0	ST	BIT	Nat Gas	1954
	3	102 0	99.0	101.0	ST	BIT	Nat Gas	1955
	4	162.0	174.0	174.0	ST	BIT	Nat Gas	1960
Blue Lake (Scott)	1	56.7	38.0	55.0	GT	FO2		1974
	2	56.7	39.0	55.0	GT	FO2		1974
	3	56.7	37.0	58.0	GT	FO2		1974
	5	56.7	49.0	70.0	GT	FO2		1974
Granite City (Benton)	1	18.0	15.0	20.0	GT	FO2	Nat Gas	1969
	2	18.0	15.0	20.0	GT	FO2	Nat Gas	1969
	3	18.0	17.0	20.0	GT	FO2	Nat Gas	1969
	4	18.0	16.0	21.0	GT	FO2	Nat Gas	1969
Hennepin Island (Hennepin)	1	2.5	2.4	2.4	HC	Water		1954
	2	2.5	2.4	2.4	HC	Water		1954
	3	2.5	2.4	2.4	HC	Water		1954
	4	2.5	2.4	2.4	HC	Water		1954
	5	2.5	2.4	2.4	HC	Water		1955
High Bridge (Ramsey)	3	57.5	61.0	63.0	ST	BIT	Nat Gas	1941
	4	62.5	41.0	42.0	ST	BIT	Nat Gas	1943
	5	113.6	99.0	101.0	ST	BIT	Nat Gas	1956
	6	163.2	169.0	171.0	ST	BIT	Nat Gas	1959
Holland Wind (Pipestone)	1	0.1	-[2]	-[2]	WT	Wind		1986
	2	0.1	-[2]	-[2]	WT	Wind		1986
	3	0.1	-[2]	-[2]	WT	Wind		1986
Inver Hills (Dakota)	1	54.4	54.0	69.0	GT	FO2		1972
	2	54.4	53.0	69.0	GT	FO2		1972
	3	54.4	55.0	69.0	GT	FO2		1972
	4	54.4	53.0	70.0	GT	FO2		1972
	5	54.4	54.0	70.0	GT	FO2		1972
	6	54.4	54.0	68.0	GT	FO2		1972
Key City (Blue Earth)	1	18.0	16.0	21.0	GT	Nat Gas	FO2	1970
	2	18.0	16.0	20.0	GT	Nat Gas	FO2	1970
	3	18.0	16.0	19.0	GT	Nat Gas	FO2	1970
	4	18.0	17.0	21.0	GT	Nat Gas	FO2	1970
Lower Dam (Hennepin)	1	0.8	0.7	0.8	HC	Water		1952
	10	0.8	0.7	0.8	HC	Water		1952
	2	0.8	0.7	0.8	HC	Water		1952
	3	0.8	0.7	0.8	HC	Water		1952
	4	0.8	0.7	0.8	HC	Water		1952
	5	0.8	0.7	0.8	HC	Water		1952
	6	0.8	0.7	0.8	HC	Water		1952
	7	0.8	0.7	0.8	HC	Water		1952
	8	0.8	0.7	0.8	HC	Water		1952
	9	0.8	0.7	0.8	HC	Water		1952
Minnesota Valley (Chippewa)	3	46.0	47.0	47.0	ST	BIT	Nat Gas	1953
Monticello (Wright)	1	568.8	541.0	557.0	NB	Uranium		1971
Prairie Island (Goodhue)	1	593.1	504.0	532.0	NP	Uranium		1973
	2	593.1	504.0	532.0	NP	Uranium		1974
Red Wing (Goodhue)	1	11.5	12.0	11.6	ST	Refuse	Nat Gas	1949
	2	11.5	12.0	11.6	ST	Refuse	Nat Gas	1949
Riverside (Hennepin)	ST7	137.0	113.0	113.0	ST	BIT	Nat Gas	1987
	8	238.9	224.0	224.0	ST	BIT	FO2	1964
Sherburne County (Sherburne)	1	720.0	702.0	710.0	ST	SUB		1976
	2	720.0	700.0	705.0	ST	SUB		1977
	3*	860.0	855.0	855.0	ST	SUB		1987
West Faribault (Rice)	2	16.2	18.0	21.0	GT	FO2	Nat Gas	1965
	3	16.2	17.0	21.0	GT	FO2	Nat Gas	1965

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Minnesota								
Northern States Power Co								
Wilmarth (Blue Earth)	1	12.5	10.0	12.6	ST	Refuse	Nat Gas	1948
	2	12.5	10.0	12.6	ST	Refuse	Nat Gas	1951
Otter Tail Power Co								
Bemidji (Beltrami)	H1	0.5	0.3	0.3	HC	Water		1907
	H2	0.2	0.2	0.2	HC	Water		1907
Central (Wright) (Otter Tail)	1	0.4	0.5	0.5	HC	Water		1922
Dayton Hollow (Otter Tail)	1	0.5	0.6	0.6	HC	Water		1928
	2	0.5	0.5	0.5	HC	Water		1909
Hoot Lake (Otter Tail)	H1	1.0	0.8	0.8	HC	Water		1914
	1	7.5	7.8	7.8	ST	LIG	SUB	1948
	2	54.4	61.2	61.2	ST	SUB	LIG	1959
	3	75.0	79.7	79.7	ST	SUB	LIG	1964
Pisgah (Otter Tail)	1	0.5	0.7	0.7	HC	Water		1918
Taplin Gorge (Otter Tail)	1	0.6	0.6	0.6	HC	Water		1925
Owatonna City of								
Owatonna (Steele)	5	6.0	9.0	9.0	ST	Nat Gas	FO6	1957
	6	20.0	20.1	20.1	ST	Nat Gas	FO6	1969
	7	19.0	16.5	22.8	GT	Nat Gas	FO2	1982
Preston Public Utilities Comm								
Preston (Fillmore)	1	0.1	0.1	0.1	IC	FO2		1935
	2	0.2	0.2	0.2	IC	FO2		1935
	3	0.3	0.3	0.3	IC	FO2		1939
	4	0.7	0.6	0.6	IC	FO2		1949
	5	1.1	0.8	0.8	IC	FO2		1954
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1974
Princeton Public Utils Comm								
Princeton (Mille Lacs)	1	0.1	0.1	0.1	IC	FO2		1938
	2	0.1	0.1	0.1	IC	FO2		1938
	3	2.4	2.2	2.2	IC	FO2	Nat Gas	1978
	4	1.2	1.0	1.0	IC	FO2	Nat Gas	1967
	5	1.0	0.8	0.8	IC	FO2	Nat Gas	1953
	6	2.8	2.5	2.5	IC	FO2	Nat Gas	1963
Redwood Falls Public Util Comm								
Redwood Falls (Redwood)	1	0.5	0.3	0.3	HC	Water		1930
	3	0.3	0.3	0.3	IC	FO2	Nat Gas	1935
	4	0.3	0.3	0.3	IC	FO2	Nat Gas	1935
	5	0.7	0.7	0.7	IC	FO2	Nat Gas	1941
	6	2.2	2.1	2.1	IC	FO2	Nat Gas	1970
	7	5.8	5.5	5.5	IC	FO2	Nat Gas	1974
Rochester Public Utilities								
Cascade Creek (Olmsted)	1	35.0	27.9	38.0	GT	FO2		1975
Rochester Hydro (Wabasha)	1	1.3	1.3	1.3	HC	Water		1984
	2	1.3	1.3	1.3	HC	Water		1984
Silver Lake (Olmsted)	3	25.0	22.5	23.0	ST	BIT	Nat Gas	1962
	4	54.0	60.3	60.3	ST	BIT	Nat Gas	1969
Roseau City of								
Roseau (Roseau)	1	1.4	1.4	1.4	IC	FO2		1956
	2	1.1	1.1	1.1	IC	FO2		1949
	3	0.6	0.6	0.6	IC	FO2		1946
Sleepy Eye Public Utility Comm								
Sleepy Eye (Brown)	1	0.6	0.6	0.6	IC	FO2		1936
	2	2.0	2.0	2.0	ST	BIT	FO2	1946
	3	1.5	1.5	1.5	IC	FO2	Nat Gas	1961
Spring Valley Pub Utils Comm								
Spring Valley (Fillmore)	1	0.8	0.5	0.5	IC	FO2		1949
	2	1.1	1.0	1.0	IC	FO2	Nat Gas	1952

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Minnesota								
Spring Valley Pub Utils Comm								
	3	2.0	2.0	2.0	IC	FO2	Nat Gas	1960
	4	4.4	4.0	4.0	IC	FO2	Nat Gas	1974
Springfield Public Utils Comm								
Springfield (Brown)	2	1.0	1.0	1.0	ST	BIT	FO2	1940
	3	2.0	2.0	2.0	ST	BIT	FO2	1946
	4	4.0	4.0	4.0	ST	BIT	FO2	1961
Thief River Falls City of								
Thief River Falls (Pennington)	HY1	0.3	0.3	0.3	HC	Water		1927
	HY2	0.3	0.3	0.3	HC	Water		1927
	IC1	2.2	2.0	2.0	IC	FO2		1956
	IC2	1.2	1.1	1.1	IC	FO2		1952
	IC3	1.1	1.0	1.0	IC	FO2		1941
	IC4	1.4	1.3	1.3	IC	FO2		1948
Truman Public Utilities Comm								
Truman (Martin)	1	0.2	0.2	0.2	IC	FO2	Nat Gas	1938
	2	0.2	0.2	0.2	IC	FO2	Nat Gas	1938
	3	2.3	2.0	2.0	IC	FO2	Nat Gas	1975
	4	0.7	0.7	0.7	IC	FO2	Nat Gas	1954
	5	0.8	0.8	0.8	IC	FO2	Nat Gas	1961
Two Harbors City of								
Two Harbors (Lake)	2	3.5	2.0	2.0	ST	Nat Gas	BIT	1953
	3	2.0	2.0	2.0	IC	FO2	Nat Gas	1972
United Power Assn								
Cambridge (Isanti)	GT1	22.8	21.4	29.4	GT	FO2		1978
Elk River (Sherburne)	1	11.5	12.1	12.1	ST	SUB	Refuse	1951
	2	11.5	11.6	11.6	ST	SUB	Refuse	1951
	3	22.5	25.0	25.0	ST	BIT	FO2	1959
Maple Lake (Wright)	GT1	22.8	21.2	29.4	GT	FO2		1978
Rock Lake (Pine)	1	22.8	21.2	29.4	GT	FO2		1978
Virginia City of								
Virginia (St Louis)	1	5.0	5.0	5.0	ST	SUB	Nat Gas	1949
	2	1.0	1.0	1.0	ST	BIT		1922
	3	1.5	1.5	1.5	ST	BIT		1930
	4	2.5	2.5	2.5	ST	BIT		1937
	5	7.5	8.0	8.0	ST	SUB	FO2	1954
	6	18.5	16.5	18.5	ST	SUB	FO2	1971
Warren City of								
Warren (Marshall)	1	1.1	0.9	1.0	IC	FO2		1953
	2	0.6	0.4	0.4	IC	FO2		1948
	3	0.3	0.2	0.2	IC	FO2		1941
	4	0.2	0.1	0.2	IC	FO2		1935
Wells City of								
Wells (Faribault)	1	1.3	1.4	1.4	IC	FO2	Nat Gas	1953
	2	1.3	1.5	1.5	IC	FO2	Nat Gas	1957
	3	1.1	1.0	1.0	IC	FO2	Nat Gas	1950
	4	2.3	2.3	2.3	IC	FO2	Nat Gas	1966
	5	2.3	2.2	2.2	IC	FO2	Nat Gas	1974
Westbrook City of								
Westbrook (Cottonwood)	1	0.1	0.1	0.1	IC	FO2		1938
	2	0.2	0.2	0.2	IC	FO2		1938
	3	0.5	0.5	0.5	IC	FO2		1940
	4	0.7	0.7	0.7	IC	FO2		1952
Willmar Municipal Utils Comm								
Willmar (Kandiyohi)	ST1	4.0	4.0	4.0	ST	BIT		1949
	ST2	8.0	7.5	7.0	ST	BIT		1956
	3	18.0	12.5	11.5	ST	BIT		1970

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Minnesota								
Windom City of								
Windom (Cottonwood)	GT1	3.0	2.6	2.6	GT	FO2		1980
Mississippi								
Clarksdale City of								
Third Street (Coahoma)	4	3.5	4.0	4.0	ST	Nat Gas	FO6	1946
	5	7.5	7.5	7.5	ST	Nat Gas	FO6	1951
Wilkins (Coahoma)	6	5.0	4.5	4.5	ST	Nat Gas	FO6	1956
	7	7.5	8.5	8.5	ST	Nat Gas	FO2	1961
	8	12.5	12.0	12.0	GT	Nat Gas	FO2	1965
	9	25.6	23.0	24.0	CS	Nat Gas	FO2	1971
Greenwood Utilities Comm								
Henderson (Leflore)	1	12.7	11.6	11.6	ST	BIT	Nat Gas	1960
	2	11.3	11.3	11.3	GT	Nat Gas	FO2	1962
	3	20.0	18.6	18.6	ST	BIT	FO6	1967
Wright (Leflore)	W1	7.5	6.8	6.8	ST	BIT	FO6	1948
	W2	5.0	4.6	4.6	ST	Nat Gas	FO6	1952
	W3	5.0	4.5	4.6	ST	Nat Gas	FO2	1955
	W4	3.5	3.2	3.2	ST	Nat Gas	FO2	1936
Mississippi Power & Light Co								
Baxter Wilson (Warren)	1	544.6	550.0	550.0	ST	Nat Gas	FO6	1966
	2	783.0	771.0	771.0	ST	Nat Gas	FO6	1971
Delta (Bolivar)	1	112.5	104.0	104.0	ST	Nat Gas		1953
	2	112.5	103.0	103.0	ST	Nat Gas		1953
Gerald Andrus (Washington)	1	781.5	761.0	761.0	ST	Nat Gas	FO6	1974
Natchez (Adams)	1	60.0	73.0	73.0	ST	Nat Gas		1950
Rex Brown (Hinds)	GT1	10.0	11.0	11.0	GT	FO2		1968
	1	34.5	36.0	36.0	ST	Nat Gas		1948
	3	66.0	76.0	76.0	ST	Nat Gas		1951
	4	238.7	212.0	231.0	ST	Nat Gas		1959
Mississippi Power Co								
Eaton (Forrest)	1	22.5	25.0	25.0	ST	Nat Gas	FO6	1945
	2	22.5	25.0	25.0	ST	Nat Gas	FO6	1947
	3	22.5	24.4	24.4	ST	Nat Gas	FO6	1949
Jack Watson (Harrison)	A	39.4	31.3	34.8	JE	Nat Gas	FO2	1970
	1	75.0	85.0	85.0	ST	Nat Gas	FO2	1957
	2	75.0	84.5	84.5	ST	Nat Gas	FO2	1960
	3	112.0	119.9	119.9	ST	Nat Gas	FO2	1962
	4	250.0	255.1	255.1	ST	BIT	Nat Gas	1968
	5	500.0	513.6	513.6	ST	BIT		1973
Standard Oil (Jackson)	1	13.8	15.2	17.9	GT	Nat Gas		1967
	2	13.8	15.2	17.9	GT	Nat Gas		1967
Sweatt (Lauderdale)	A	39.4	31.3	34.8	JE	Nat Gas	FO2	1971
	1	40.0	46.5	46.5	ST	FO6	Nat Gas	1951
	2	40.0	46.5	46.5	ST	FO6	Nat Gas	1953
Victor J Daniel Jr (Jackson)	1[*]	500.0	514.9	514.9	ST	BIT	FO6	1977
	2[*]	500.0	513.6	513.6	ST	BIT	FO6	1981
Public Serv Comm of Yazoo City								
Yazoo (Yazoo)	GT1	14.0	12.5	14.0	GT	Nat Gas	FO2	1968
	2	5.0	5.5	6.2	ST	Nat Gas	FO6	1945
	3	12.7	11.5	12.7	ST	Nat Gas	FO6	1954
South Mississippi El Pwr Assn								
Benndale (George)	1	16.2	16.0	16.0	GT	Nat Gas		1969
Moselle (Jones)	1	59.0	59.0	59.0	ST	Nat Gas	FO6	1970
	2	59.0	59.0	59.0	ST	Nat Gas	FO6	1970
	3	59.0	59.0	59.0	ST	Nat Gas	FO6	1970
Paulding (Jasper)	1	20.8	20.0	20.0	GT	FO2		1971
R D Morrow (Lamar)	1	200.0	200.0	200.0	ST	BIT		1978
	2	200.0	200.0	200.0	ST	BIT		1978

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Mississippi								
System Energy Resources Inc								
Grand Gulf (Claiborne)	1*	1372.5	1142.0	1142.0	NB	Uranium		1984
Missouri								
Albany City of								
Albany (Gentry)	IC5	1.2	1.2	1.2	IC	FO2		1983
	IC6	1.2	1.2	1.2	IC	FO2		1983
	1	2.1	2.1	2.1	IC	FO2		1969
	2	1.0	1.0	1.0	IC	FO2		1978
	3	0.8	0.7	0.7	IC	FO2		1954
	4	0.3	0.3	0.3	IC	FO2		1946
Associated Electric Coop Inc								
New Madrid (New Madrid)	1	600.0	580.0	580.0	ST	BIT		1972
	2	600.0	580.0	580.0	ST	BIT		1977
Thomas Hill (Randolph)	1	180.0	175.0	175.0	ST	BIT		1966
	2	285.0	275.0	275.0	ST	BIT		1969
	3	670.0	630.0	630.0	ST	BIT		1982
Unionville (Putnam)	1	23.0	22.5	22.5	GT	FO2		1976
	2	23.0	22.5	22.5	GT	FO2		1976
Bethany City of								
Bethany (Harrison)	1	0.4	0.4	0.4	IC	FO2		1945
	2	0.9	0.9	0.9	IC	FO2		1948
	3	1.5	1.5	1.5	IC	FO2		1958
	4	1.8	1.7	1.7	IC	FO2	Nat Gas	1968
	5	1.8	1.6	1.7	IC	FO2	Nat Gas	1981
	6	0.9	0.9	0.9	IC	FO2	Nat Gas	1981
	7	1.2	1.2	1.2	IC	FO2		1983
Butler City of								
Butler (Bates)	IC6	1.4	1.0	1.0	IC	FO2		1935
	1	0.4	0.3	0.3	IC	FO2		1929
	2	0.7	0.5	0.5	IC	FO2		1938
	3	0.8	0.6	0.6	IC	FO2	Nat Gas	1946
	4	1.4	1.0	1.0	IC	FO2	Nat Gas	1952
	5	1.4	1.0	1.0	IC	FO2	Nat Gas	1959
Campbell City of								
Campbell (Dunklin)	1	0.2	0.2	0.2	IC	FO2		1935
	2	0.6	0.6	0.6	IC	FO2	Nat Gas	1950
	3	1.1	1.1	1.1	IC	FO2	Nat Gas	1984
	4	0.3	0.3	0.3	IC	FO2		1947
	5	1.4	1.4	1.4	IC	FO2		1987
Carrollton City of								
Carrollton (Carroll)	1	0.4	0.4	0.4	IC	FO2		1941
	10	6.2	6.0	6.0	IC	Nat Gas	FO2	1972
	2	0.4	0.4	0.4	IC	FO2		1941
	3	1.8	1.8	1.8	IC	Nat Gas	FO2	1947
	4	0.8	0.7	0.8	IC	Nat Gas	FO2	1963
	5	0.9	0.9	0.9	IC	Nat Gas	FO2	1951
	6	1.1	1.0	1.1	IC	Nat Gas	FO2	1956
	7	2.5	2.5	2.5	IC	Nat Gas	FO2	1959
	8	4.1	3.8	3.8	IC	Nat Gas	FO2	1966
	9	4.1	3.8	3.8	IC	Nat Gas	FO2	1970
Carthage City of								
Carthage (Jasper)	10	7.0	6.0	6.0	IC	Nat Gas	FO2	1965
	11	4.5	4.0	4.0	IC	Nat Gas	FO2	1970
	12	4.5	4.0	4.0	IC	Nat Gas	FO2	1971
	13	6.0	5.5	5.5	IC	Nat Gas	FO2	1976
	14	6.0	5.5	5.5	IC	Nat Gas	FO2	1976
	6	2.5	2.0	2.0	IC	Nat Gas	FO2	1946
	7	3.0	2.2	2.2	IC	Nat Gas	FO2	1949

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Missouri								
Carthage City of								
	8	3.3	2.5	2.5	IC	Nat Gas	FO2	1952
	9	5.0	4.0	4.0	IC	Nat Gas	FO2	1957
Central Electric Power Coop								
Chamois (Osage)	1	15.0	17.0	18.0	ST	BIT		1953
	2	44.0	49.0	50.0	ST	BIT		1960
Chillicothe City of								
Chillicothe (Livingston)	GT1	40.0	33.3	40.0	GT	Nat Gas	Jet Fuel	1986
	GT2	40.0	33.3	40.0	GT	Nat Gas	Jet Fuel	1986
	5	5.0	5.0	5.0	ST	BIT		1948
	6	6.0	6.0	6.0	ST	BIT		1958
Columbia City of								
Columbia (Boone)	5	16.5	16.5	16.5	ST	BIT		1957
	6	12.5	12.5	12.5	GT	Nat Gas	FO2	1963
	7	22.0	22.0	22.0	ST	BIT		1965
	8	35.0	35.0	35.0	ST	Nat Gas	FO2	1970
Empire District Electric Co								
Asbury (Jasper)	1	212.8	192.0	192.0	ST	BIT	SUB	1970
	2	22.1	20.0	22.0	ST	BIT	SUB	1986
Empire Energy Center (Jasper)	1	129.0	90.0	90.0	GT	FO2		1978
	2	129.0	90.0	90.0	GT	FO2		1981
Ozark Beach (Taney)	1	4.0	4.0	4.0	HC	Water		1931
	2	4.0	4.0	4.0	HC	Water		1931
	3	4.0	4.0	4.0	HC	Water		1931
	4	4.0	4.0	4.0	HC	Water		1931
Fayette City of								
Fayette (Howard)	GT1	3.5	3.2	3.2	IC	FO2	Nat Gas	1985
	GT2	3.5	3.2	3.2	IC	FO2	Nat Gas	1985
	GT3	2.9	2.4	2.4	IC	FO2	Nat Gas	1985
	GT4	1.1	1.2	1.2	IC	FO2	Nat Gas	1985
Fulton City of								
Fulton (Callaway)	GT4	18.1	18.3	20.0	GT	Nat Gas	FO2	1972
	IC1	4.2	4.2	4.5	IC	Nat Gas	FO2	1966
	IC2	4.2	4.2	4.5	IC	Nat Gas	FO2	1966
	IC3	6.3	6.3	6.8	IC	Nat Gas	FO2	1975
Gallatin City of								
Gallatin (Daviess)	IC4	2.5	2.5	2.5	IC	FO2		1983
	IC6	2.5	2.5	2.5	IC	FO2		1977
	2	0.2	0.2	0.2	IC	FO2		1939
	3	0.2	0.2	0.2	IC	FO2		1947
	5	1.1	1.0	1.0	IC	FO2		1960
Higginsville City of								
Higginsville (Lafayette)	1	0.8	0.6	0.6	IC	FO2		1945
	2	1.7	1.0	1.0	IC	FO2		1947
	3	2.4	2.4	2.4	IC	FO2	Nat Gas	1981
Independence City of								
Blue Valley (Jackson)	GT1	61.0	55.0	55.0	GT	Nat Gas	FO2	1976
	ST1	22.0	21.0	21.0	ST	BIT	FO2	1958
	2	22.0	21.0	21.0	ST	BIT	FO2	1958
	3	58.2	51.0	51.0	ST	BIT	FO2	1965
Jackson Square (Jackson)	1	18.0	15.0	15.0	GT	FO2		1969
	2	18.0	15.0	15.0	GT	FO2		1969
Missouri City (Clay)	1	23.0	20.0	20.0	ST	BIT	FO2	1954
	2	23.0	20.0	20.0	ST	BIT	FO2	1954
Station H (Jackson)	1	19.6	19.0	19.0	GT	Nat Gas	FO2	1972
	2	21.7	21.0	21.0	GT	FO2	Nat Gas	1974

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Missouri								
Independence City of								
Station I (Jackson)	1	19.6	19.0	19.0	GT	FO2		1972
	2	19.6	19.0	19.0	GT	FO2		1972
Jackson City of								
Jackson (Cape Girardeau)	1	1.0	0.9	0.9	IC	FO2	Nat Gas	1954
	2	1.0	0.9	0.9	IC	FO2	Nat Gas	1954
	3	1.0	1.0	1.0	IC	FO2	Nat Gas	1963
	4	1.0	1.0	1.0	IC	FO2	Nat Gas	1963
	5	0.7	0.6	0.6	IC	FO2		1935
	6	1.0	1.0	1.0	IC	FO2		1946
	7	6.8	6.5	6.8	IC	FO2	Nat Gas	1973
	8	6.8	6.5	6.8	IC	FO2	Nat Gas	1973
	9	3.0	2.8	3.0	IC	FO2	Nat Gas	1983
Kahoka City of								
Kahoka (Clark)	3	0.2	0.2	0.2	IC	FO2		1941
	6	0.8	0.8	0.9	IC	FO2		1952
	7	0.9	0.8	0.8	IC	Nat Gas	FO2	1956
	8	1.5	1.5	1.5	IC	Nat Gas	FO2	1969
	9	0.9	0.9	0.9	IC	Nat Gas	FO2	1982
Kansas City Power & Light Co								
Grand Avenue (Jackson)	1	11.5	11.4	11.6	ST	Nat Gas		1949
	5	10.0	9.9	10.1	ST	Nat Gas		1929
	7	35.0	34.0	34.7	ST	Nat Gas		1929
	9	40.3	38.0	38.0	ST	Nat Gas		1948
Hawthorn (Jackson)	5	514.8	450.0	450.0	ST	SUB	Nat Gas	1969
Iatan (Platte)	1*	725.9	670.0	670.0	ST	SUB	FO2	1980
Montrose (Henry)	1	187.5	150.0	150.0	ST	SUB	FO2	1958
	2	187.5	150.0	150.0	ST	SUB	FO2	1960
	3	188.1	160.0	160.0	ST	SUB	FO2	1964
Northeast (Jackson)	11	50.4	48.0	65.0	GT	FO2		1972
	12	50.4	48.0	65.0	GT	FO2		1972
	13	64.7	48.0	65.0	GT	FO2		1976
	14	64.7	51.0	65.0	GT	FO2		1976
	15	64.7	47.0	65.0	GT	FO2		1975
	16	64.7	48.0	65.0	GT	FO2		1975
	17	64.7	49.0	65.0	GT	FO2		1977
	18	64.7	48.0	65.0	GT	FO2		1977
Kennett City of								
Kennett (Dunklin)	1	0.4	0.4	0.4	IC	FO2		1942
	10	6.3	6.3	6.3	IC	Nat Gas	FO2	1971
	11	6.3	6.3	6.3	IC	Nat Gas	FO2	1975
	2	0.4	0.4	0.4	IC	FO2		1942
	3	0.9	0.9	0.9	IC	FO2		1942
	4	2.5	2.5	2.5	IC	Nat Gas	FO2	1975
	5	1.4	1.4	1.4	IC	FO2		1949
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1951
	7	2.5	2.5	2.5	IC	Nat Gas	FO2	1960
	8	3.1	3.1	3.1	IC	Nat Gas	FO2	1962
	9	6.3	6.3	6.3	IC	Nat Gas	FO2	1965
La Plata City of								
La Plata (Macon)	1	0.2	0.2	0.2	IC	FO2		1938
	2	0.2	0.2	0.2	IC	FO2		1938
	3	0.2	0.2	0.2	IC	FO2		1947
	4	0.3	0.3	0.3	IC	FO2		1953
	5	0.9	0.9	0.9	IC	FO2	Nat Gas	1960
M & A Electric Power Coop								
Green Forest (Butler)	1	2.4	2.4	2.4	IC	FO2		1951
	2	2.4	2.4	2.4	IC	FO2		1951
	3	2.4	2.4	2.4	IC	FO2		1951
	4	2.4	2.4	2.4	IC	FO2		1951

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Missouri								
Macon City of								
Macon (Macon)	1	5.2	4.9	5.1	IC	FO2	Nat Gas	1962
	2	1.5	0.8	0.9	IC	FO2		1968
	3	5.0	4.7	4.9	IC	FO2	Nat Gas	1971
	4	1.1	0.5	0.5	IC	FO2		1985
Malden City of								
Malden (Dunklin)	1	1.4	1.4	1.4	IC	Nat Gas	FO2	1951
	2	0.4	0.4	0.4	IC	Nat Gas	FO2	1937
	3	0.6	0.6	0.6	IC	Nat Gas	FO2	1941
	4	1.0	1.0	1.0	IC	Nat Gas	FO2	1947
	5	1.4	1.4	1.4	IC	Nat Gas	FO2	1957
	6	2.1	2.1	2.1	IC	Nat Gas	FO2	1963
	7	2.8	2.8	2.8	IC	Nat Gas	FO2	1973
	8	4.3	4.3	4.3	IC	Nat Gas	FO2	1973
Marshall City of								
Marshall (Saline)	GT1	15.2	12.0	14.0	GT	FO2	Nat Gas	1972
	1	1.5	1.4	1.5	ST	BIT		1936
	2	2.5	2.4	2.4	ST	BIT		1941
	3	4.0	3.9	3.9	ST	Nat Gas	FO2	1948
	4	6.0	5.9	5.9	ST	Nat Gas	BIT	1956
	5	17.0	16.0	16.2	ST	Nat Gas	BIT	1967
Memphis City of								
Memphis (Scotland)	1	0.7	0.6	0.6	IC	Nat Gas	FO2	1972
	3	0.2	0.2	0.2	IC	FO2		1945
	6	0.9	0.8	0.8	IC	FO2		1957
	7	1.1	1.0	1.0	IC	FO2		1960
	8	1.4	1.3	1.3	IC	Nat Gas	FO2	1966
	9	1.4	1.3	1.3	IC	Nat Gas	FO2	1972
Monroe City City of								
Monroe (Monroe)	1	0.7	0.7	0.7	IC	FO2		1940
	10	1.6	1.6	1.6	IC	FO2		1988
	2	1.4	1.4	1.4	IC	FO2	Nat Gas	1955
	3	1.2	1.2	1.2	IC	Nat Gas	FO2	1964
	4	1.1	1.1	1.1	IC	Nat Gas	FO2	1958
	5	2.0	1.6	2.0	IC	FO2	Nat Gas	1985
	6	2.1	2.1	2.1	IC	Nat Gas	FO2	1971
	7	2.3	2.3	2.3	IC	Nat Gas	FO2	1973
	8	1.6	1.6	1.6	IC	FO2		1988
	9	1.6	1.6	1.6	IC	FO2		1988
Northeast Missouri El Pwr Coop								
South River Station (Marion)	IC1	2.4	2.2	2.2	IC	FO2	Nat Gas	1950
	IC2	2.4	2.2	2.2	IC	FO2	Nat Gas	1950
	IC3	2.4	2.2	2.2	IC	FO2	Nat Gas	1950
Odessa City of								
Odessa (Lafayette)	IC4	0.9	0.8	0.8	IC	FO2	Nat Gas	1986
	1	0.7	0.6	0.6	IC	FO2		1946
	2	0.3	0.3	0.3	IC	FO2		1939
	3	2.1	1.8	1.8	IC	FO2	Nat Gas	1965
	5	1.3	1.0	1.0	IC	FO2	Nat Gas	1957
	6	3.0	2.7	2.7	IC	FO2	Nat Gas	1981
Owensville City of								
Owensville (Gasconade)	1	0.2	0.1	0.1	IC	FO2		1939
	2	0.2	0.1	0.1	IC	FO2		1939
	3	0.2	0.1	0.1	IC	FO2		1939
	5	1.4	1.3	1.3	IC	FO2		1966
	6	1.4	1.3	1.3	IC	FO2		1988

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Missouri								
Palmyra City of								
Palmyra (Marion)	IC7	2.1	1.8	2.0	IC	FO2	Nat Gas	1985
	IC8	2.0	1.8	1.9	IC	FO2	Nat Gas	1985
	1	0.5	0.5	0.5	IC	FO2	Nat Gas	1939
	2	0.5	0.5	0.5	IC	FO2	Nat Gas	1959
	3	1.5	1.2	1.4	IC	FO2	Nat Gas	1966
	4	0.8	0.8	0.8	IC	FO2	Nat Gas	1959
	5	1.0	1.0	1.0	IC	FO2		1970
	6	2.1	2.1	2.1	IC	FO2	Nat Gas	1971
Pattonsburg City of								
Pattonsburg (Daviess)	1	0.1	0.1	0.1	IC	FO2	FO1	1935
	2	0.1	0.1	0.1	IC	FO2	FO1	1935
	3	0.2	0.2	0.2	IC	FO2	FO1	1948
	4	0.4	0.4	0.4	IC	FO2	FO1	1955
Rich Hill City of								
Rich Hill (Bates)	1	0.2	0.0	0.0	IC	FO2		1934
	2	0.2	0.0	0.0	IC	FO2		1935
	3	0.2	0.0	0.0	IC	FO2		1949
	4	0.5	0.5	0.5	IC	FO2		1956
Rockport City of								
Rockport (Atchison)	1	1.1	1.1	1.1	IC	Nat Gas	FO2	1964
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1964
	3	0.5	0.4	0.4	IC	FO2		1959
	4	0.4	0.3	0.3	IC	FO2		1940
	5	1.4	1.3	1.3	IC	Nat Gas	FO2	1972
	6	1.4	1.3	1.3	IC	Nat Gas	FO2	1972
Sho-Me Power Corp								
Niangua (Camden)	1	1.5	1.5	1.5	HC	Water		1930
	2	1.5	1.5	1.5	HC	Water		1930
Sikeston City of								
E P Coleman (Scott)	IC1	2.0	2.0	2.0	IC	FO2		1965
	IC2	2.3	2.3	2.3	IC	FO2		1967
Sikeston (Scott)	1	235.0	212.0	212.0	ST	BIT		1981
Springfield City of								
James River (Greene)	1	22.0	21.0	21.0	ST	BIT	Nat Gas	1957
	2	22.0	21.0	21.0	ST	BIT	Nat Gas	1957
	3	44.0	42.0	42.0	ST	BIT	Nat Gas	1960
	4	60.0	58.0	58.0	ST	BIT	Nat Gas	1964
	5	105.0	91.0	91.0	ST	BIT	Nat Gas	1970
Main Street (Greene)	1	15.3	15.0	15.0	GT	FO2		1967
Southwest (Greene)	GT1	51.6	44.0	44.0	GT	Nat Gas	FO2	1983
	ST1	194.0	170.0	170.0	ST	BIT	Nat Gas	1976
	2	51.6	44.0	44.0	GT	Nat Gas	FO2	1983
St Joseph Light & Power Co								
Lake Road (Buchanan)	1	23.0	20.0	21.0	ST	BIT	FO6	1950
	2	25.0	29.0	30.0	ST	FO6	Nat Gas	1958
	3	12.5	11.0	11.0	ST	FO6	Nat Gas	1962
	4	90.0	95.0	96.0	ST	BIT	Nat Gas	1966
	5	85.0	60.0	67.0	CT	Nat Gas	FO2	1974
Stanberry City of								
Stanberry (Gentry)	IC5	0.4	0.3	0.3	IC	FO2		1958
	IC6	1.9	1.8	1.8	IC	Nat Gas	FO2	1978
	1	1.1	1.1	1.1	IC	Nat Gas	FO2	1963
	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1967
	3	0.3	0.3	0.3	IC	FO2		1945
	4	0.3	0.3	0.3	IC	FO2		1953

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Missouri								
Trenton City of								
Trenton Diesel (Grundy)	1	0.4	0.3	0.3	IC	FO2		1937
	2	0.4	0.3	0.3	IC	FO2		1937
	4	1.0	0.9	0.9	IC	FO2		1945
	5	1.1	1.0	1.0	IC	FO2	Nat Gas	1948
	6	1.3	1.2	1.2	IC	FO2	Nat Gas	1958
	7	1.0	0.9	0.9	IC	FO2	Nat Gas	1966
Trenton Peaking (Grundy)	1	2.8	2.8	2.8	IC	FO2		1974
	2	2.8	2.8	2.8	IC	FO2		1974
	3	2.8	2.8	2.8	IC	FO2		1974
	4	2.8	2.8	2.8	IC	FO2		1974
	5	2.8	2.8	2.8	IC	FO2		1975
Union Electric Co								
Callaway (Callaway)	1	1236.0	1118.0	1173.0	NP	Uranium		1984
Canton (Lewis)	IC2	0.6	0.5	0.6	IC	FO2		1939
	3	1.1	4.0[2]	4.0[2]	IC	FO2	Nat Gas	1963
	5	0.8	-[2]	-[2]	IC	FO2		1947
	6	1.1	-[2]	-[2]	IC	FO2	Nat Gas	1969
	7	1.1	-[2]	-[2]	IC	FO2	Nat Gas	1969
Howard Bend (St Louis)	1	49.6	42.0	48.0	GT	FO2		1973
Jefferson City (Cole)	1	68.9	54.0	63.0	GT	FO2		1974
Kirksville (Adair)	1	15.0	12.0	14.0	GT	Nat Gas		1967
Labadie (Franklin)	1	620.5	554.0	557.0	ST	BIT		1970
	2	620.5	554.0	557.0	ST	BIT		1971
	3	620.5	554.0	557.0	ST	BIT		1972
	4	620.5	554.0	557.0	ST	BIT		1973
Meramec (St Louis)	GT1	62.0	54.0	63.0	GT	FO2		1974
	1	137.5	127.0	131.0	ST	BIT	Nat Gas	1953
	2	137.5	127.0	131.0	ST	BIT	Nat Gas	1954
	3	289.0	279.0	282.0	ST	BIT		1958
	4	359.0	336.0	347.0	ST	BIT		1961
Mexico (Audrain)	1	71.2	54.0	63.0	GT	FO2		1978
Moberly (Randolph)	1	71.2	54.0	63.0	GT	FO2		1978
Moreau (Cole)	1	71.2	54.0	63.0	GT	FO2		1978
Osage (Miller)	1	21.5	212.0[2]	205.0[2]	HC	Water		1931
	2	21.5	-[2]	-[2]	HC	Water		1931
	3	21.5	-[2]	-[2]	HC	Water		1931
	4	21.5	-[2]	-[2]	HC	Water		1931
	5	21.5	-[2]	-[2]	HC	Water		1931
	6	21.5	-[2]	-[2]	HC	Water		1931
	7	21.5	-[2]	-[2]	HC	Water		1953
	8	21.5	-[2]	-[2]	HC	Water		1953
Portable (Randolph)	1	0.6	1.0	1.0	IC	FO2		1958
Rush Island (Jefferson)	1	620.5	580.0	583.0	ST	BIT		1976
	2	620.5	580.0	583.0	ST	BIT		1977
Sioux (St Charles)	1	549.8	450.0	459.0	ST	BIT		1967
	2	549.8	450.0	459.0	ST	BIT		1968
Taum Sauk (Reynolds)	1	204.0	300.0[2]	225.0[2]	HR	Water		1963
	2	204.0	-[2]	-[2]	HR	Water		1963
Viaduct (Cape Girardeau)	1	36.0	25.0	30.0	GT	Nat Gas		1967
Unionville City of								
Unionville (Putnam)	1	0.8	0.6	0.6	IC	FO2		1970
	2	1.8	1.8	1.8	IC	FO2	Nat Gas	1975
	3	0.3	0.3	0.3	IC	FO2		1935
	4	1.0	0.9	0.9	IC	FO2		1970
	5	0.4	0.4	0.4	IC	FO2		1955
	6	0.4	0.4	0.4	IC	FO2		1955
	7	1.1	0.9	0.9	IC	FO2		1962
	8	1.4	1.1	1.1	IC	FO2	Nat Gas	1967
UtiliCorp United Inc								
Greenwood Energy Ctr (Jackson)	1	61.7	47.2	62.4	GT	FO2		1975
	2	61.7	47.2	62.4	GT	FO2		1975
	3	61.7	47.2	62.4	GT	FO2		1977
	4	61.7	48.3	63.7	GT	FO2		1979

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Missouri								
UtiliCorp United Inc								
Kansas City Intl (Platte)	1	18.1	12.0	14.5	GT	Nat Gas	FO2	1977
	2	18.1	12.0	14.5	GT	Nat Gas	FO2	1977
Nevada (Vernon)	1	23.1	18.4	25.0	GT	FO2		1974
Ralph Green (Cass)	GT1	66.5	62.5	82.5	GT	Nat Gas		1981
Sibley (Jackson)	1	55.0	49.6	49.9	ST	BIT		1960
	2	50.0	47.3	47.6	ST	BIT		1962
	3	418.5	370.9	374.6	ST	BIT		1969
USCE-Kansas City District								
Harry Truman (Benton)	1	27.0	31.0	31.0	HR	Water		1982
	2	27.0	31.0	31.0	HR	Water		1982
	3	27.0	31.0	31.0	HR	Water		1982
	4	27.0	31.0	31.0	HR	Water		1981
	5	27.0	31.0	31.0	HR	Water		1981
	6	27.0	31.0	31.0	HR	Water		1979
Stockton (Cedar)	1	45.2	54.7	54.7	HC	Water		1972
USCE-Little Rock District								
Table Rock (Taney)	1	50.0	57.5	57.5	HC	Water		1959
	2	50.0	57.5	57.5	HC	Water		1959
	3	50.0	57.5	57.5	HC	Water		1961
	4	50.0	57.5	57.5	HC	Water		1961
USCE-St Louis District								
Clarence Cannon (Ralls)	1	27.0	28.0	28.0	HC	Water		1984
	2	31.0	32.0	32.0	HR	Water		1984
Vandalia City of								
Vandalia (Audrain)	1	1.3	1.1	1.2	IC	Nat Gas	FO2	1967
	10	1.4	1.4	1.4	IC	Nat Gas	FO2	1984
	2	0.3	0.3	0.3	IC	FO2		1939
	3	0.3	0.3	0.3	IC	FO2		1939
	5	1.0	0.9	0.9	IC	Nat Gas	FO2	1958
	6	0.7	0.6	0.6	IC	Nat Gas	FO2	1959
	7	1.0	0.9	0.9	IC	Nat Gas	FO2	1963
	8	1.0	0.9	0.9	IC	Nat Gas	FO2	1957
	9	1.4	1.5	1.5	IC	Nat Gas	FO2	1977

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Montana								
Bureau of Reclamation								
Canyon Ferry (Lewis and Clark)	1	16.7	19.7	19.7	HC	Water		1953
	2	16.7	19.7	19.7	HC	Water		1954
	3	16.7	19.7	19.7	HC	Water		1953
Hungry Horse (Flathead)	1	71.3	328.0[2]	243.0[2]	HC	Water		1952
	2	71.3	-[2]	-[2]	HC	Water		1952
	3	71.3	-[2]	-[2]	HC	Water		1953
	4	71.3	-[2]	-[2]	HC	Water		1953
Yellowtail (Big Horn)	1	62.5	68.0	65.0	HC	Water		1966
	2	62.5	68.0	65.0	HC	Water		1966
	3	62.5	68.0	65.0	HC	Water		1966
	4	62.5	68.0	65.0	HC	Water		1966
Livingston City of								
Livingston (Park)	1	0.0	0.0	0.0	WT	Wind		1981
	2	0.0	0.0	0.0	WT	Wind		1981
	3	0.0	0.0	0.0	WT	Wind		1981
	4	0.0	0.0	0.0	WT	Wind		1981
	5	0.0	0.0	0.0	WT	Wind		1982
Montana Light & Power Co								
Lake Creek (Lincoln)	1	1.0	1.2	0.9	HC	Water		1917
	2	3.5	3.5	3.5	HC	Water		1949
Libby (Lincoln)	1	7.5	7.5	7.5	ST	WD		1966
	2	5.0	5.0	5.0	ST	WD		1972
Montana Power Co								
Black Eagle (Cascade)	1	7.8	18.0[2]	18.0[2]	HC	Water		1927
	2	7.8	-[2]	-[2]	HC	Water		1927
	3	5.6	-[2]	-[2]	HC	Water		1927
Cochrane (Cascade)	1	24.0	50.0[2]	50.0[2]	HC	Water		1958
	2	24.0	-[2]	-[2]	HC	Water		1958
Colstrip (Rosebud)	1[*]	358.4	330.0	330.0	ST	BIT		1975
	2[*]	358.4	330.0	330.0	ST	BIT		1976
	3[*]	778.0	700.0	700.0	ST	BIT		1983
	4[*]	778.0	700.0	700.0	ST	BIT		1985
Flint Creek (Granite)	1	0.6	1.1[2]	1.1[2]	HC	Water		1901
	2	0.6	-[2]	-[2]	HC	Water		1901
Frank Bird (Yellowstone)	1	69.0	70.0	70.0	ST	Nat Gas	FO6	1951
Hauser Lake (Lewis and Clark)	1	2.8	16.5[2]	16.5[2]	HC	Water		1911
	2	2.8	-[2]	-[2]	HC	Water		1911
	3	2.8	-[2]	-[2]	HC	Water		1911
	4	2.8	-[2]	-[2]	HC	Water		1911
	5	2.8	-[2]	-[2]	HC	Water		1911
	6	3.0	-[2]	-[2]	HC	Water		1915
Holter (Lewis and Clark)	1	9.6	49.0[2]	49.0[2]	HC	Water		1918
	2	9.6	-[2]	-[2]	HC	Water		1918
	3	9.6	-[2]	-[2]	HC	Water		1918
	4	9.6	-[2]	-[2]	HC	Water		1918
J E Corette (Yellowstone)	1	191.0	156.0	156.0	ST	BIT		1968
Kerr (Lake)	1	70.6	180.0[2]	180.0[2]	HC	Water		1938
	2	70.6	-[2]	-[2]	HC	Water		1949
	3	56.0	-[2]	-[2]	HC	Water		1954
Madison (Madison)	1	2.3	8.5[2]	8.5[2]	HC	Water		1906
	2	2.3	-[2]	-[2]	HC	Water		1906
	3	2.3	-[2]	-[2]	HC	Water		1906
	4	2.3	-[2]	-[2]	HC	Water		1908
Milltown (Missoula)	1	0.6	3.4[2]	3.4[2]	HC	Water		1908
	2	0.6	-[2]	-[2]	HC	Water		1908
	3	0.6	-[2]	-[2]	HC	Water		1908
	4	0.6	-[2]	-[2]	HC	Water		1909
	5	0.6	-[2]	-[2]	HC	Water		1927
Morony (Cascade)	1	22.5	47.0[2]	47.0[2]	HC	Water		1929
	2	22.5	-[2]	-[2]	HC	Water		1930
Mystic Lake (Stillwater)	1	6.0	11.5[2]	11.5[2]	HC	Water		1925
	2	6.0	-[2]	-[2]	HC	Water		1925
Rainbow (Cascade)	1	4.0	35.0[2]	35.0[2]	HC	Water		1910
	2	4.0	-[2]	-[2]	HC	Water		1910

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Caoability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Montana								
Montana Power Co								
	3	4.0	-[2]	-[2]	HC	Water		1910
	4	4.0	-[2]	-[2]	HC	Water		1910
	5	4.0	-[2]	-[2]	HC	Water		1910
	6	4.0	-[2]	-[2]	HC	Water		1910
	7	5.8	-[2]	-[2]	HC	Water		1917
	8	5.8	-[2]	-[2]	HC	Water		1917
Ryan (Cascade)	1	8.0	60.0[2]	60.0[2]	HC	Water		1915
	2	8.0	-[2]	-[2]	HC	Water		1915
	3	8.0	-[2]	-[2]	HC	Water		1915
	4	8.0	-[2]	-[2]	HC	Water		1915
	5	8.0	-[2]	-[2]	HC	Water		1916
	6	8.0	-[2]	-[2]	HC	Water		1916
Thompson Falls (Sanders)	1	5.0	40.0[2]	40.0[2]	HC	Water		1917
	2	5.0	-[2]	-[2]	HC	Water		1917
	3	5.0	-[2]	-[2]	HC	Water		1916
	4	5.0	-[2]	-[2]	HC	Water		1916
	5	5.0	-[2]	-[2]	HC	Water		1915
	6	5.0	-[2]	-[2]	HC	Water		1915
Montana-Dakota Utilities Co								
Glendive (Dawson)	GT1	40.8	30.1	41.4	GT	Nat Gas	FO2	1979
Lewis & Clark (Richland)	1	50.0	43.8	50.9	ST	LIG	Nat Gas	1958
Miles City Comb Turb (Custer)	1	23.3	20.0	29.4	GT	Nat Gas	FO2	1972
Pacific Power & Light Co								
Big Fork (Flathead)	1	1.7	1.7	1.7	HC	Water		1924
	2	1.7	1.7	1.7	HC	Water		1929
	3	0.8	0.8	0.8	HC	Water		1910
U S Bureau of Indian Affairs								
Hellroaring Hydro (Lake)	1	0.2	0.2	0.2	HC	Water		1916
	2	0.2	0.2	0.2	HC	Water		1916
USCE-Missouri River District								
Fort Peck (McCone)	1	43.5	50.0	50.0	HC	Water		1943
	2	18.3	21.0	21.0	HC	Water		1947
	3	43.5	50.0	50.0	HC	Water		1951
	4	40.0	46.0	46.0	HC	Water		1961
	5	40.0	46.0	46.0	HC	Water		1961
USCE-Portland District								
Libby (Lincoln)	1	105.0	603.8[2]	565.0[2]	HC	Water		1975
	2	105.0	-[2]	-[2]	HC	Water		1975
	3	105.0	-[2]	-[2]	HC	Water		1976
	4	105.0	-[2]	-[2]	HC	Water		1976
	5	105.0	-[2]	-[2]	HC	Water		1984
Washington Water Power Co								
Noxon Rapids (Sanders)	1	94.0	107.5	107.5	HC	Water		1959
	2	70.7	107.5	107.5	HC	Water		1959
	3	94.0	107.5	107.5	HC	Water		1959
	4	94.0	107.5	107.5	HC	Water		1960
	5	114.0	124.0	124.0	HC	Water		1977
Nebraska								
Alliance City of								
Alliance (Box Butte)	4	7.5	6.8	6.8	ST	Nat Gas	BIT	1960
Ansley City of								
Ansley (Custer)	1	0.2	0.2	0.2	IC	FO2		1953
	2	0.6	0.6	0.6	IC	Nat Gas		1963
	3	0.9	0.9	0.9	IC	Nat Gas		1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Nebraska								
Arnold Village of								
Arnold (Custer)	1	0.6	0.5	0.5	IC	FO2		1960
	2	0.2	0.0	0.0	IC	FO2		1928
	3	0.2	0.2	0.2	IC	FO2		1941
	4	0.3	0.3	0.3	IC	FO2		1949
Auburn City of								
Auburn (Nemaha)	1	2.4	2.2	2.4	IC	Nat Gas	FO2	1982
	2	1.0	0.9	1.0	IC	Nat Gas	FO2	1949
	3	1.0	0.9	1.0	IC	Nat Gas	FO2	1947
	4	0.7	0.6	0.7	IC	FO2		1939
	5	3.4	3.1	3.4	IC	Nat Gas	FO2	1973
	6	2.8	2.5	2.8	IC	Nat Gas	FO2	1967
	7	5.6	5.2	6.1	IC	Nat Gas	FO2	1972
Beaver City City of								
City Lt & Water (Furnas)	1	0.5	0.5	0.5	IC	FO2	Nat Gas	1957
	2	0.4	0.3	0.4	IC	Nat Gas	FO2	1963
	3	0.3	0.3	0.3	IC	FO2		1947
	4	0.9	0.9	0.9	IC	Nat Gas	FO2	1967
Benkelman City of								
Benkelman (Dundy)	1	0.9	0.8	0.8	IC	FO2		1952
	2	0.3	0.8	0.8	IC	FO2		1941
Broken Bow City of								
Broken Bow (Custer)	1	0.5	0.5	0.5	IC	FO2		1936
	2	3.5	3.5	3.5	IC	Nat Gas	FO2	1970
	3	0.8	0.7	0.7	IC	Nat Gas	FO2	1945
	4	0.8	0.8	0.8	IC	Nat Gas	FO2	1951
	5	1.0	1.0	1.0	IC	Nat Gas	FO2	1951
	6	2.1	2.0	2.0	IC	Nat Gas	FO2	1961
Burwell City of								
Burwell (Garfield)	1	1.4	1.2	1.2	IC	Nat Gas	FO2	1960
	2	1.1	0.9	0.9	IC	Nat Gas	FO2	1956
	3	0.9	0.7	0.7	IC	Nat Gas	FO2	1968
	4	0.7	0.6	0.6	IC	FO2		1948
Callaway Village of								
Callaway (Custer)	1	0.2	0.2	0.2	IC	FO2		1948
	2	0.2	0.2	0.2	IC	FO2		1950
	3	0.5	0.5	0.5	IC	FO2		1960
Cambridge City of								
Cambridge (Furnas)	1	0.8	0.7	0.7	IC	FO2		1957
	2	0.9	0.8	0.8	IC	FO2		1963
	3	1.4	1.2	1.2	IC	FO2		1971
Campbell Village of								
Campbell (Franklin)	IC4	1.1	1.0	1.0	IC	FO2		1983
	1	0.0	0.0	0.0	IC	FO2		1927
	2	0.1	0.1	0.1	IC	FO2		1937
	3	0.1	0.1	0.1	IC	FO2		1946
Central Nebraska Pub P&I Dist								
Canaday (Gosper)	1	108.8	107.0	107.0	ST	Nat Gas	FO6	1958
Jeffrey Canyon (Lincoln)	1	9.0	18.0[2]	18.0[2]	HC	Water		1940
	2	9.0	-[2]	-[2]	HC	Water		1940
Johnson 1 (Gosper)	1	9.0	19.0[2]	19.0[2]	HC	Water		1940
	2	9.0	-[2]	-[2]	HC	Water		1940
Johnson 2 (Gosper)	1	18.0	19.0	19.0	HC	Water		1939
Kingsley (Keith)	1	50.0	38.0	38.0	HC	Water		1984

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Nebraska								
Chappell City of Chappell (Deuel)	3	0.2	0.2	0.2	IC	FO1		1947
	5	1.2	1.2	1.2	IC	FO1		1982
Crete City of Crete Mun Power (Saline)	1	0.4	0.4	0.4	IC	FO2		1939
	2	1.4	1.4	1.4	IC	Nat Gas	FO2	1955
	3	1.0	0.9	1.0	IC	Nat Gas	FO2	1951
	4	1.1	1.0	1.1	IC	Nat Gas	FO2	1947
	5	2.5	2.4	2.6	IC	Nat Gas	FO2	1963
	6	3.3	2.8	3.3	IC	Nat Gas	FO2	1965
	7	6.0	6.4	6.4	IC	Nat Gas	FO2	1973
Curtis City of Curtis (Frontier)	1	0.4	0.2	0.2	IC	FO2		1929
	2	0.9	0.8	0.8	IC	Nat Gas	FO2	1955
	3	1.1	1.0	1.0	IC	Nat Gas	FO2	1969
	4	1.4	1.2	1.2	IC	Nat Gas	FO2	1975
Emerson City of Emerson (Dixon)	2	1.1	1.1	1.1	IC	Nat Gas	FO2	1968
	3	0.1	0.1	0.1	IC	FO2		1947
	4	0.5	0.5	0.5	IC	Nat Gas	FO2	1960
Fairbury City of Fairbury (Jefferson)	1	4.0	3.8	4.0	ST	Nat Gas	FO6	1948
	2	2.5	2.5	2.5	ST	Nat Gas	FO6	1938
	4	12.5	12.5	13.0	ST	Nat Gas	FO6	1965
Falls City City of Falls City (Richardson)	1	0.7	0.7	0.7	IC	FO2		1930
	2	1.0	1.0	1.0	IC	FO2		1937
	3	2.8	2.8	2.8	IC	Nat Gas	FO2	1965
	4	1.1	1.0	1.0	IC	Nat Gas	FO2	1946
	5	2.0	1.9	1.9	IC	Nat Gas	FO2	1950
	6	2.5	2.5	2.5	IC	Nat Gas	FO2	1958
	7	6.3	6.3	6.3	IC	Nat Gas	FO2	1972
	8	6.0	6.0	6.0	IC	Nat Gas	FO2	1982
Franklin City of Franklin (Franklin)	1	0.7	0.7	0.7	IC	Nat Gas	FO2	1963
	2	1.4	1.4	1.4	IC	Nat Gas	FO2	1974
	3	1.1	0.9	0.9	IC	Nat Gas	FO2	1969
	4	0.9	0.9	0.9	IC	Nat Gas	FO2	1955
Fremont City of Lon Wright (Dodge)	6	16.0	16.0	16.0	ST	Nat Gas	BIT	1957
	7	22.0	22.0	22.0	ST	Nat Gas	BIT	1963
	8	91.0	87.0	87.0	ST	Nat Gas	BIT	1976
Grand Island City of C W Burdick (Hall)	GT1	16.0	14.8	14.8	GT	Nat Gas	FO2	1968
	1	18.8	16.5	16.5	ST	Nat Gas	FO6	1957
	2	25.0	22.0	22.0	ST	Nat Gas	FO6	1963
	3	54.4	54.0	54.0	ST	Nat Gas	FO6	1971
Platte (Hall)	1	109.8	100.0	100.0	ST	SUB		1982
Hastings City of Don Henry (Adams)	1	22.0	19.5	25.0	GT	FO2		1972
Hastings Energy Ctr (Adams)	1	76.3	72.0	72.0	ST	SUB		1981
North Denver (Adams)	4	17.0	13.0	13.0	ST	Nat Gas	FO6	1957
	5	22.0	20.0	20.0	ST	Nat Gas	FO6	1967
Holdrege City of Holdrege (Phelps)	1	0.5	0.5	0.5	IC	FO2		1937

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Nebraska								
Holdrege City of								
	2	1.4	1.0	1.0	IC	FO2		1951
	3	0.5	0.5	0.5	IC	FO2		1944
Imperial City of								
Imperial (Chase)	IC1	0.3	0.5	0.5	IC	FO2		1946
	IC2	0.3	0.3	0.3	IC	FO2		1946
Kimball City of								
Kimball (Kimball)	1	1.0	0.7	0.8	IC	Nat Gas	FO2	1956
	2	1.0	0.7	0.8	IC	Nat Gas	FO2	1955
	3	1.3	1.0	1.1	IC	Nat Gas	FO2	1959
	4	1.3	1.0	1.1	IC	Nat Gas	FO2	1960
	5	0.9	0.7	0.7	IC	Nat Gas	FO2	1974
	6	3.9	3.6	3.7	IC	Nat Gas	FO2	1974
Laurel City of								
Laurel (Cedar)	1	1.4	1.1	1.2	IC	Nat Gas	FO2	1974
	2	0.9	0.7	0.8	IC	Nat Gas	FO2	1970
	3	0.7	0.5	0.6	IC	Nat Gas	FO2	1965
	4	0.5	0.4	0.5	IC	Nat Gas	FO2	1960
	5	0.3	0.3	0.3	IC	Nat Gas	FO2	1947
	6	0.2	0.2	0.2	IC	Nat Gas	FO2	1956
Lincoln City of								
Lincoln J Street (Lancaster)	1	27.0	24.0	32.0	GT	Nat Gas	FO2	1972
Rokeby (Lancaster)	1	65.5	46.0	64.0	GT	FO2		1975
Lodgepole City of								
Lodgepole (Cheyenne)	1	0.1	0.1	0.1	IC	FO2		1937
	2	0.2	0.2	0.2	IC	FO2		1949
Mullen Village of								
Mullen (Hooker)	3	0.5	0.2	0.3	IC	FO2		1958
	4	0.7	0.6	0.6	IC	FO2		1966
Nebraska City City of								
Nebraska City (Otoe)	10	6.5	6.5	6.5	IC	Nat Gas	FO2	1979
	2	1.5	1.5	1.5	IC	Nat Gas	FO2	1953
	3	2.5	2.2	2.4	IC	Nat Gas	FO2	1955
	4	3.1	3.1	3.1	IC	Nat Gas	FO2	1957
	5	2.0	2.0	2.0	IC	Nat Gas	FO2	1964
	8	4.1	3.9	3.9	IC	Nat Gas	FO2	1971
	9	6.4	6.4	6.4	IC	Nat Gas	FO2	1974
Syracuse (Otoe)	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1969
	7	2.0	2.0	2.0	IC	Nat Gas	FO2	1970
Nebraska Public Power District								
Bluffs (Scotts Bluff)	2	5.0	5.5	5.5	ST	Nat Gas	FO2	1945
	3	7.5	7.5	7.6	ST	Nat Gas	FO2	1950
	4	27.5	26.5	26.5	ST	Nat Gas	FO6	1962
Columbus (Platte)	1	13.3	13.3	13.3	HC	Water		1935
	2	13.3	13.3	13.3	HC	Water		1935
	3	13.3	13.4	13.4	HC	Water		1935
Cooper Station (Nemaha)	1	835.6	778.0	778.0	NB	Uranium		1974
David City Plant (Butler)	1	1.5	1.0	1.3	IC	Nat Gas	FO2	1959
	2	1.0	0.2	0.8	IC	Nat Gas	FO2	1948
	3	1.0	0.5	0.9	IC	Nat Gas	FO2	1954
	4	2.3	1.5	1.8	IC	Nat Gas	FO2	1966
Deshler Plant (Thayer)	1	0.3	0.2	0.2	IC	FO2		1937
	2	0.4	0.2	0.2	IC	FO2		1949
	3	0.2	0.0	0.0	IC	FO2		1934
	4	0.7	0.6	0.6	IC	FO2		1955
Gerald Gentleman Sta (Lincoln)	1	681.3	630.0	630.0	ST	BIT		1979
	2	628.3	648.0	648.0	ST	BIT		1981
Hallam Peaking (Lancaster)	1	49.7	50.0	55.0	GT	FO2		1972
Hebron Peaking (Thayer)	1	49.7	41.0	65.4	GT	FO2		1972

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Nebraska								
Nebraska Public Power District								
Kearney (Buffalo)	1	1.5	1.0	1.4	HC	Water		1920
Lyons Plant (Burt)	1	1.2	1.1	1.2	IC	FO2		1966
	2	0.8	0.7	0.8	IC	FO2		1959
	3	0.5	0.0	0.0	IC	FO2		1952
	4	0.5	0.5	0.5	IC	FO2		1948
	5	0.3	0.0	0.0	IC	FO2		1929
Madison Plant (Madison)	1	2.1	1.7	1.2	IC	Nat Gas	FO2	1968
	2	1.4	1.0	1.4	IC	Nat Gas	FO2	1958
	3	1.1	0.9	1.2	IC	Nat Gas	FO2	1952
	4	0.7	0.5	0.7	IC	FO2		1945
McCook Peaking (Red Willow)	1	47.7	39.0	52.0	GT	FO2		1972
Minnechaduza (Cherry)	1	0.2	0.2	0.2	HC	Water		1929
Mobile (York)	1	0.3	0.3	0.3	IC	FO2		1958
	2	0.3	0.3	0.3	IC	FO2		1958
	3	0.8	0.8	0.8	IC	FO2		1979
Monroe (Platte)	1	2.6	3.0	3.0	HC	Water		1935
	2	2.6	2.6	2.5	HC	Water		1935
	3	2.6	2.6	2.5	HC	Water		1935
North Platte (Lincoln)	1	13.1	12.0	12.0	HC	Water		1934
	2	13.1	12.0	12.0	HC	Water		1934
Ord Plant (Valley)	1	5.0	4.0	4.0	IC	Nat Gas	FO2	1972
	2	1.5	1.5	1.5	IC	FO2	Nat Gas	1965
	3	2.4	2.0	2.0	IC	FO2	Nat Gas	1962
	4	1.0	0.8	0.8	IC	FO2	Nat Gas	1946
	5	1.2	1.1	1.3	IC	Nat Gas	FO2	1957
Randolph Plant (Cedar)	1	1.4	1.0	1.0	IC	Nat Gas	FO2	1970
	2	0.9	0.5	0.5	IC	Nat Gas	FO2	1964
	3	0.6	0.5	0.6	IC	Nat Gas	FO2	1955
	4	0.2	0.0	0.0	IC	FO2		1947
Schuyler Plant (Colfax)	1	5.0	5.2	5.2	ST	Nat Gas	FO2	1957
	2	2.5	2.8	2.8	ST	Nat Gas	FO2	1954
Sheldon (Lancaster)	1	108.8	105.0	105.0	ST	BIT		1960
	2	119.9	120.0	120.0	ST	BIT		1964
Spencer (Boyd)	1	0.8	0.8	0.8	HC	Water		1926
	2	1.6	1.0	1.0	HC	Water		1951
Sutherland Plant (Lincoln)	1	0.5	0.4	0.4	IC	Nat Gas	FO2	1951
	2	0.9	1.0	1.0	IC	Nat Gas	FO2	1958
	3	0.2	0.2	0.2	IC	FO2	Nat Gas	1934
	4	1.4	1.2	1.2	IC	FO2	Nat Gas	1963
Wakefield Plant (Dixon)	IC3	0.2	0.0	0.0	IC	Nat Gas	FO2	1940
	IC4	0.9	0.5	0.7	IC	Nat Gas	FO2	1960
	5	1.4	1.0	1.0	IC	Nat Gas	FO2	1965
	6	1.4	1.0	1.0	IC	Nat Gas	FO2	1970
Omaha Public Power District								
Fort Calhoun (Washington)	1	502.0	476.0	492.0	NP	Uranium		1973
Jones Street (Douglas)	1	65.0	54.7	63.7	GT	FO2		1973
	2	65.0	54.7	63.7	GT	FO2		1973
Nebraska City (Otoe)	1	615.9	584.9	585.7	ST	BIT	FO2	1979
North Omaha (Douglas)	1	73.5	75.6	77.1	ST	BIT	Nat Gas	1954
	2	108.8	102.1	102.2	ST	BIT	Nat Gas	1957
	3	108.8	102.1	102.2	ST	BIT	Nat Gas	1959
	4	136.0	131.2	131.3	ST	BIT	Nat Gas	1963
	5	217.6	218.6	218.7	ST	BIT	Nat Gas	1968
Sarpy (Sarpy)	1	55.4	51.4	62.3	GT	Nat Gas	FO2	1972
	2	55.4	51.4	62.3	GT	Nat Gas	FO2	1972
Oxford Village of								
Oxford (Furnas)	1	0.6	0.3	0.4	IC	FO2		1946
	2	0.7	0.5	0.5	IC	FO2		1953
	3	0.9	0.8	0.9	IC	FO2		1956
	4	0.7	0.5	0.5	IC	FO2		1956
	5	1.4	1.2	1.3	IC	FO2		1972

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Nebraska								
Pender City of								
Pender (Thurston)	1	1.6	1.2	1.2	IC	Nat Gas	FO2	1968
	2	2.1	2.0	2.0	IC	Nat Gas	FO2	1973
	3	0.6	0.5	0.5	IC	Nat Gas	FO2	1953
	4	0.9	0.8	0.8	IC	Nat Gas	FO2	1961
	5	0.3	0.2	0.2	IC	Nat Gas	FO2	1939
Plainview City of								
Plainview Mun Power (Pierce)	1	1.0	1.0	1.0	IC	Nat Gas		1949
	2	0.9	0.9	0.9	IC	Nat Gas		1958
	3	1.3	1.3	1.3	IC	Nat Gas		1963
Red Cloud City of								
Red Cloud (Webster)	1	0.6	0.5	0.5	IC	FO2		1949
	2	1.0	0.7	0.7	IC	FO2		1953
	3	1.4	1.3	1.3	IC	FO2		1960
	4	1.4	1.3	1.3	IC	FO2		1968
	5	2.3	2.2	2.2	IC	FO2		1973
Sargent City of								
Sargent (Custer)	1	1.1	1.1	1.1	IC	FO2		1968
	3	0.9	0.9	0.9	IC	FO2		1964
	4	0.5	0.4	0.4	IC	FO2		1954
Sidney City of								
Sidney (Cheyenne)	1	1.2	0.8	0.9	IC	Nat Gas	FO2	1949
	2	2.2	2.0	2.1	IC	Nat Gas	FO2	1952
	3	0.8	0.6	0.7	IC	FO2		1931
	4	1.0	0.8	0.8	IC	Nat Gas	FO2	1947
	5	3.1	2.8	2.8	IC	Nat Gas	FO2	1956
Southwest Public Power Dist								
Palisade (Hitchcock)	1	0.3	0.3	0.3	IC	FO2		1950
Spalding Village of								
Spalding (Greeley)	1	0.0	0.0	0.0	HC	Water		1919
	2	0.1	0.1	0.1	HC	Water		1956
	4	0.2	0.2	0.2	IC	FO2		1947
	5	0.5	0.5	0.5	IC	FO2		1959
	6	1.4	1.4	1.4	IC	FO2		1975
Stuart City of								
Stuart (Holt)	1	0.7	0.7	0.7	IC	FO2	Nat Gas	1952
	2	0.3	0.3	0.3	IC	FO2	Nat Gas	1960
	3	0.3	0.3	0.3	IC	FO2	Nat Gas	1952
	4	0.2	0.2	0.2	IC	FO2	Nat Gas	1946
Tecumseh City of								
Tecumseh (Johnson)	1	0.8	0.6	0.6	IC	FO2		1948
	2	1.6	1.4	1.4	IC	FO2		1968
	3	1.2	1.0	1.0	IC	FO2		1953
	4	1.4	1.2	1.2	IC	FO2		1960
	5	0.5	0.4	0.4	IC	FO2		1957
Trenton City of								
Trenton (Hitchcock)	240	0.2	0.2	0.2	IC	FO2		1936
	375	0.3	0.3	0.3	IC	FO2		1947
	561	0.4	0.4	0.4	IC	FO2		1952
Wahoo City of								
Wahoo (Saunders)	1	2.5	2.0	2.0	IC	Nat Gas	FO2	1960
	2	0.5	0.5	0.5	IC	FO2		1936
	3	4.4	4.0	4.0	IC	Nat Gas	FO2	1973
	4	1.2	1.0	1.0	IC	Nat Gas	FO2	1947
	5	2.1	1.9	1.9	IC	Nat Gas	FO2	1952
	6	3.5	3.0	3.0	IC	Nat Gas	FO2	1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Nebraska								
Wayne City of								
Wayne (Wayne)	1	1.5	0.8	0.8	IC	FO2		1952
	2	1.0	0.5	0.5	IC	FO2		1946
	3	2.0	1.8	1.8	IC	FO2		1956
	4	2.0	1.9	1.9	IC	FO2		1959
	5	3.8	3.3	3.3	IC	FO2		1961
	6	5.1	4.9	4.9	IC	FO2		1967
West Point City of								
West Point Municipal (Cuming)	2	0.9	0.9	0.9	IC	Nat Gas	FO2	1947
	3	1.3	1.2	1.2	IC	Nat Gas	FO2	1959
	4	2.3	2.3	2.3	IC	Nat Gas	FO2	1965
	5	4.1	4.1	4.1	IC	Nat Gas	FO2	1971
Wilber City of								
Wilber (Saline)	4	1.1	1.1	1.1	IC	FO2	Nat Gas	1960
	5	1.0	1.0	1.0	IC	FO2	Nat Gas	1960
Wisner City of								
Wisner (Cuming)	1	0.6	0.6	0.6	IC	FO2		1954
	2	0.5	0.5	0.5	IC	FO2		1947
	3	0.8	0.8	0.8	IC	FO2		1969
Nevada								
Bureau of Reclamation								
Hoover-NV (Clark)	N0	3.0	3.0	3.0	HC	Water		1936
	N5	82.5	100.0	100.0	HC	Water		1938
	N6	82.5	100.0	100.0	HC	Water		1938
	N7	127.0	127.0	127.0	HC	Water		1944
	N8	115.0	115.0	115.0	HC	Water		1961
	1	130.0	130.0	130.0	HC	Water		1936
	2	82.5	100.0	100.0	HC	Water		1936
	3	130.0	130.0	130.0	HC	Water		1937
	4	130.0	130.0	130.0	HC	Water		1936
Nevada Power Co								
Clark (Clark)	GT4	72.4	50.0	59.0	GT	Nat Gas	FO2	1973
	GT5	86.9	70.0	78.0	GT	Nat Gas	FO2	1979
	GT6	86.9	70.0	78.0	GT	Nat Gas	FO2	1979
	GT7	86.9	70.0	78.0	GT	Nat Gas	FO2	1980
	GT8	86.9	70.0	78.0	GT	Nat Gas	FO2	1982
	1	50.0	42.0	42.0	ST	Nat Gas	FO2	1955
	2	65.0	66.0	69.0	ST	Nat Gas	FO2	1957
	3	75.0	67.0	70.0	ST	Nat Gas	FO2	1961
Reid Gardner (Clark)	1	114.0	110.0	110.0	ST	BIT		1965
	2	114.0	110.0	110.0	ST	BIT		1968
	3	114.0	110.0	110.0	ST	BIT		1976
	4*	270.0	250.0	250.0	ST	BIT		1983
Sunrise (Clark)	1	82.0	80.0	80.0	ST	Nat Gas	FO6	1964
	2	85.0	69.0	76.0	GT	Nat Gas	FO2	1974
Westside (Clark)	IC1	2.6	2.7	2.7	IC	FO2		1963
	IC2	2.6	2.7	2.7	IC	FO2		1963
	IC3	2.6	2.7	2.7	IC	FO2		1963
	IC4	2.6	2.7	2.7	IC	FO2		1963
	IC5	2.6	2.7	2.7	IC	FO2		1963
	IC6	2.6	2.7	2.7	IC	FO2		1963
	IC7	2.6	2.7	2.7	IC	FO2		1963
	IC8	2.6	2.7	2.7	IC	FO2		1963
	IC9	2.6	2.7	2.7	IC	FO2		1963
	I10	2.6	2.7	2.7	IC	FO2		1963
	I11	2.6	2.7	2.7	IC	FO2		1963
Sierra Pacific Power Co								
Battle Mountain (Lander)	1	2.0	1.8	2.0	IC	FO2		1963
	2	2.0	1.8	2.0	IC	FO2		1963
	3	2.0	1.8	2.0	IC	FO2		1963

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Nevada								
Sierra Pacific Power Co								
	4	2.0	1.8	2.0	IC	FO2		1964
Brunswick (Carson City)	1	2.0	1.8	2.0	IC	FO2		1960
	2	2.0	1.8	2.0	IC	FO2		1960
	3	2.0	1.8	2.0	IC	FO2		1960
Elko (Elko)	1	1.0	0.9	1.0	IC	FO2		1949
	3	1.0	0.9	1.0	IC	FO2		1947
	4	1.5	1.3	1.5	IC	FO2		1954
	6	0.5	0.5	0.5	IC	FO2		1935
Fallon (Churchill)	1	2.0	1.7	1.8	IC	FO2	Nat Gas	1966
Fleish (Washoe)	1	2.0	2.3	2.3	HC	Water		1914
Fort Churchill (Lyon)	1	105.2	113.0	113.0	ST	Nat Gas		1968
	2	105.2	113.0	113.0	ST	Nat Gas	FO6	1971
Gabbs (Nye)	1	2.6	2.4	2.8	IC	FO2		1968
	2	2.8	2.4	2.8	IC	FO2		1968
Lahontan (Churchill)	IC1	1.0	0.9	1.0	IC	FO2		1949
	IC2	1.0	0.9	1.0	IC	FO2		1949
	1	0.8	0.6	0.7	HC	Water		1911
	2	0.8	0.6	0.7	HC	Water		1911
	3	0.8	0.6	0.7	HC	Water		1911
North Valmy (Humboldt)	1*	254.3	258.0	258.0	ST	SUB		1981
	2*	267.0	274.0	274.0	ST	SUB		1985
Reno Valley Road (Washoe)	1	2.0	1.8	2.0	IC	FO2		1960
	2	2.0	1.8	2.0	IC	FO2		1960
	3	2.0	1.8	2.0	IC	FO2		1960
Tracy (Storey)	GT1	12.5	10.0	11.0	GT	FO2		1961
	GT2	12.5	10.0	11.0	GT	FO2		1962
	ST1	53.0	53.0	53.0	ST	Nat Gas	FO6	1963
	ST2	80.0	83.0	83.0	ST	Nat Gas	FO6	1965
	3	109.6	114.0	114.0	ST	Nat Gas	FO6	1974
Verdi (Washoe)	1	2.4	2.2	2.2	HC	Water		1911
Washoe (Washoe)	1	0.8	0.8	0.8	HC	Water		1904
	2	0.8	0.8	0.8	HC	Water		1904
Winnemucca (Humboldt)	1	15.0	12.0	15.0	GT	Nat Gas		1970
26 Foot Drop (Churchill)	1	0.4	0.4	0.0	HC	Water		1955
	2	0.4	0.4	0.0	HC	Water		1955
Southern California Edison Co								
Mohave (Clark)	1*	818.1	790.0	790.0	ST	SUB	Nat Gas	1970
	2*	818.1	790.0	790.0	ST	SUB	Nat Gas	1971
New Hampshire								
New England Power Co								
Comerford (Grafton)	1	35.1	161.9[2]	161.3[2]	HC	Water		1930
	2	35.1	-[2]	-[2]	HC	Water		1930
	3	35.1	-[2]	-[2]	HC	Water		1930
	4	35.1	-[2]	-[2]	HC	Water		1930
McIndoes (Grafton)	1	2.7	11.5[2]	13.0[2]	HC	Water		1931
	2	2.7	-[2]	-[2]	HC	Water		1931
	3	2.7	-[2]	-[2]	HC	Water		1931
	4	2.7	-[2]	-[2]	HC	Water		1931
Vernon (Cheshire)	1	2.0	28.5[2]	28.5[2]	HC	Water		1909
Vernon (Grafton)	10	4.2	4.2	4.1	HC	Water		1921
Vernon (Cheshire)	2	2.0	-[2]	-[2]	HC	Water		1909
	3	2.0	-[2]	-[2]	HC	Water		1909
	4	2.0	-[2]	-[2]	HC	Water		1909
	5	2.0	-[2]	-[2]	HC	Water		1909
	6	2.0	-[2]	-[2]	HC	Water		1910
	7	2.0	-[2]	-[2]	HC	Water		1910
	8	2.0	-[2]	-[2]	HC	Water		1910
Vernon (Grafton)	9	4.2	4.2	4.1	HC	Water		1921
Wilder (Grafton)	2	18.0	-[2]	-[2]	HC	Water		1950
	3	3.2	-[2]	-[2]	HC	Water		1987

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New Hampshire								
Public Service Co of NH								
Amoskeag (Hillsborough)	1	6.0	6.3	6.3	HC	Water		1922
	2	5.0	5.5	5.4	HC	Water		1922
	3	5.0	5.8	5.4	HC	Water		1924
Ayers Island (Grafton)	1	2.8	3.0	3.0	HC	Water		1925
	2	2.8	3.0	3.0	HC	Water		1925
	3	2.8	3.0	3.0	HC	Water		1925
Eastman Falls (Merrimack)	1	1.8	1.9	1.9	HC	Water		1937
	2	4.6	4.6	4.5	HC	Water		1983
Garvins Falls (Merrimack)	1	3.4	2.5	2.5	HC	Water		1981
	2	3.4	3.0	2.9	HC	Water		1981
	3	2.4	2.1	2.0	HC	Water		1925
	4	3.2	3.0	3.0	HC	Water		1925
Gorham (Coos)	1	0.4	0.3	0.3	HC	Water		1917
	2	0.4	0.3	0.3	HC	Water		1917
	3	0.7	0.8	0.7	HC	Water		1923
	4	0.7	0.8	0.7	HC	Water		1923
Hooksett (Merrimack)	1	1.6	1.9	2.0	HC	Water		1927
Jackman (Hillsborough)	1	3.2	3.8	3.6	HC	Water		1925
Lost Nation (Coos)	GT1	18.0	16.1	20.4	GT	FO2		1969
Merrimack (Merrimack)	GT1	18.6	17.0	24.7	GT	KER	Jet Fuel	1968
	GT2	18.6	19.8	24.2	GT	KER	Jet Fuel	1969
	1	113.6	120.8	125.2	ST	BIT		1960
	2	345.6	344.8	344.8	ST	BIT		1968
Newington (Rockingham)	1	414.0	421.2	422.0	ST	FO6	Crude	1974
Schiller (Rockingham)	GT1	21.3	19.4	24.3	GT	KER	Nat Gas	1970
	3	25.0	24.4	25.5	ST	FO6		1949
	4	50.0	48.5	48.8	ST	BIT	FO6	1952
	5	50.0	50.7	50.3	ST	BIT	FO6	1955
	6	50.0	50.5	50.5	ST	BIT	FO6	1957
Smith (Coos)	1	15.0	16.5	16.8	HC	Water		1948
White Lake (Carroll)	GT1	18.6	20.2	22.5	GT	KER		1968

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New Jersey								
Atlantic City Electric Co								
B L England (Cape May)	IC1	8.0	8.0	8.0	IC	FO2		1961
	1	136.0	129.0	129.0	ST	BIT	FO6	1962
	2	163.2	160.0	160.0	ST	BIT	FO6	1964
	3	176.4	160.0	160.0	ST	FO6		1974
Carlls Corner (Cumberland)	1	41.9	36.0	43.0	GT	Nat Gas	KER	1973
	2	41.9	37.0	43.0	GT	Nat Gas	KER	1973
Cedar (Ocean)	1	41.9	46.0	52.0	GT	KER		1972
	2	21.2	22.0	26.0	GT	KER		1972
Deepwater (Salem)	GTA	18.6	19.0	24.0	GT	Nat Gas	KER	1967
	1	81.6	86.0	87.0	ST	Nat Gas	FO6	1958
	3	53.0	21.0	22.0	ST	FO6		1930
	4	53.0	54.0	54.0	ST	FO6		1930
	5	20.0	24.0	24.0	ST	BIT	FO6	1942
	6	73.5	80.0	81.0	ST	BIT	FO6	1954
	7	27.2	24.0	24.0	ST	BIT	FO6	1957
Mickleton (Gloucester)	1	71.2	59.0	79.0	GT	Nat Gas	KER	1974
Middle (Cape May)	1	21.2	20.0	23.0	GT	KER		1970
	2	21.2	20.0	23.0	GT	KER		1970
	3	37.2	37.0	44.0	GT	KER		1971
Missouri Avenue (Atlantic)	B	18.6	20.0	24.0	GT	KER		1969
	C	18.6	20.0	24.0	GT	KER		1968
	D	18.6	20.0	24.0	GT	KER		1969
GPU Nuclear Corp								
Oyster Creek (Ocean)	1°	650.0	620.0	628.0	NB	Uranium		1969
Jersey Central Power&Light Co								
Gilbert (Hunterdon)	C1	23.8	25.0	31.0	GT	Nat Gas	FO2	1970
	C2	23.8	25.0	31.0	GT	Nat Gas	FO2	1970
	C3	23.8	23.0	30.0	GT	Nat Gas	FO2	1970
	C4	23.8	25.0	31.0	GT	Nat Gas	FO2	1970
	1	11.8	45.0[2]	46.0[2]	ST	FO6	Nat Gas	1930
	2	45.3	-[2]	-[2]	ST	FO6	Nat Gas	1930
	3	69.0	72.0	73.0	ST	FO6	Nat Gas	1949
	4	53.7	54.0	68.0	CT	Nat Gas	FO2	1973
	5	53.7	54.0	68.0	CT	Nat Gas	FO2	1974
	6	53.7	56.0	68.0	CT	Nat Gas	FO2	1974
	7	53.7	45.5	68.0	CT	Nat Gas	FO2	1974
	8	135.0	114.0	114.0	CA	WH	FO2	1977
Glen Gardner (Hunterdon)	1	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	2	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	3	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	4	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	5	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	6	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	7	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
	8	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
Sayreville (Middlesex)	GT1	53.1	53.0	73.0	GT	Nat Gas	FO2	1972
	GT2	53.1	53.0	73.0	GT	Nat Gas	FO2	1972
	GT3	53.1	53.0	73.0	GT	Nat Gas	FO2	1972
	GT4	53.1	53.0	73.0	GT	Nat Gas	FO2	1973
	1	35.3	84.0[2]	90.0[2]	ST	FO6	Nat Gas	1930
	2	35.3	-[2]	-[2]	ST	FO6	Nat Gas	1930
	3	28.7	-[2]	-[2]	ST	FO6	Nat Gas	1949
	4	122.5	108.0	112.0	ST	FO6	Nat Gas	1955
	5	125.0	112.0	117.0	ST	FO6	Nat Gas	1958
Werner (Middlesex)	GT1	53.1	53.0	73.0	GT	FO2		1972
	GT2	53.1	53.0	73.0	GT	FO2		1972
	GT3	53.1	53.0	73.0	GT	FO2		1972
	GT4	53.1	53.0	73.0	GT	FO2		1972
	4	60.0	58.0	60.0	ST	FO6		1953
Yards Creek (Warren)	1°	137.0	110.0	110.0	HR	Water		1965
	2°	137.0	110.0	110.0	HR	Water		1965
	3°	112.9	110.0	110.0	HR	Water		1965

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New Jersey								
Public Service Electric&Gas Co								
Bayonne (Hudson)	1	21.3	19.0	24.0	GT	KER		1970
	2	21.3	19.0	24.0	GT	KER		1970
Bergen (Bergen)	1	325.2	285.0	300.0	ST	Nat Gas	FO6	1959
	2	325.2	285.0	300.0	ST	Nat Gas	FO6	1960
	3	18.6	17.0	21.0	GT	Nat Gas		1967
	4	43.2	40.0	53.0	GT	FO2		1975
Burlington (Burlington)	10	167.4	176.0	208.0	GT	KER		1972
	11	167.4	176.0	208.0	GT	KER		1972
	7	192.5	180.0	185.0	ST	FO6		1955
	8	18.6	15.8	21.0	GT	KER		1967
	9	167.4	176.0	208.0	GT	KER		1972
Edison (Middlesex)	1	167.4	154.0	188.0	GT	Nat Gas	KER	1971
	2	167.4	154.0	188.0	GT	Nat Gas	KER	1971
	3	167.4	154.0	188.0	GT	Nat Gas	KER	1971
Essex (Essex)	10	167.4	155.0	192.0	GT	Nat Gas	KER	1971
	11	167.4	176.0	208.0	GT	Nat Gas	KER	1971
	12	167.4	176.0	208.0	GT	Nat Gas	KER	1972
	9	53.1	53.0	71.0	GT	Nat Gas	KER	1971
Hope Creek (Salem)	1*	1170.0	1031.0	1073.0	NB	Uranium		1986
Hudson (Hudson)	1	454.8	383.0	405.0	ST	Nat Gas	FO6	1964
	2	659.7	600.0	620.0	ST	BIT	Nat Gas	1968
	3	115.2	124.0	135.0	GT	KER		1967
Kearny (Hudson)	10	146.3	121.0	153.0	GT	Nat Gas	KER	1970
	11	146.3	122.0	154.0	GT	Nat Gas	KER	1969
	12	206.3	192.0	250.0	GT	KER		1973
	7	147.1	146.0	148.0	ST	FO6		1953
	8	147.1	146.0	148.0	ST	FO6		1953
	9	18.6	17.0	21.0	GT	Nat Gas		1967
Linden (Union)	1	259.7	234.0[2]	254.0[2]	ST	FO6		1957
	2	259.7	242.0	245.0	ST	FO6		1957
	3	18.6	17.0	21.0	GT	Nat Gas		1967
	4	93.5	-[2]	-[2]	ST	FO6		1972
	5	23.8	23.0	30.0	GT	Nat Gas	FO2	1970
	6	23.8	23.0	30.0	GT	Nat Gas	FO2	1970
	7	23.8	23.0	30.0	GT	Nat Gas	KER	1970
	8	23.8	23.0	30.0	GT	KER	Nat Gas	1970
	9	206.3	168.0	219.0	GT	KER	FO2	1973
Mercer (Mercer)	GT3	115.2	124.0	140.0	GT	KER		1967
	1	326.4	306.0	310.0	ST	BIT	Nat Gas	1960
	2	326.4	306.0	310.0	ST	BIT	Nat Gas	1961
National Park (Gloucester)	GT1	18.6	17.0	21.0	GT	FO2		1969
Salem (Salem)	GT3*	41.9	38.0	48.0	GT	FO2		1971
	1*	1170.0	1106.0	1120.0	NP	Uranium		1976
	2*	1170.0	1106.0	1120.0	NP	Uranium		1981
Sewaren (Middlesex)	1	103.3	104.0	107.0	ST	Nat Gas	FO6	1948
	2	100.0	111.0	113.0	ST	Nat Gas	FO6	1948
	3	108.8	107.0	109.0	ST	Nat Gas	FO6	1949
	4	119.0	124.0	127.0	ST	Nat Gas	FO6	1951
	5	389.0	326.0	344.0	ST	FO6		1962
	6	115.2	62.0	68.0	GT	KER		1965
Vineland City of								
Howard Down (Cumberland)	10	25.0	23.0	23.0	ST	BIT	FO6	1970
	5	4.0	3.0	3.0	ST	FO6		1942
	6	5.0	4.0	4.0	ST	FO6		1949
	7	7.5	7.0	7.0	ST	FO6		1952
	8	12.5	11.0	11.0	ST	FO6		1955
	9	16.5	17.0	17.0	ST	FO6		1960
West Station (Cumberland)	1	27.0	26.0	32.0	GT	FO2		1972
New Mexico								
Arizona Public Service Co								
Four Corners (San Juan)	1	190.1	170.0	170.0	ST	BIT		1963
	2	190.1	170.0	170.0	ST	BIT		1963
	3	253.4	220.0	220.0	ST	BIT		1964

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
New Mexico								
Arizona Public Service Co								
	4*	818.1	739.0	739.0	ST	BIT		1969
	5*	818.1	739.0	739.0	ST	BIT		1970
Bureau of Reclamation								
Elephant Butte (Sierra)	1	8.1	24.3[2]	24.3[2]	HC	Water		1940
	2	8.1	-[2]	-[2]	HC	Water		1940
	3	8.1	-[2]	-[2]	HC	Water		1940
El Paso Electric Co								
Rio Grande (Dona Ana)	6	50.0	48.0	48.4	ST	Nat Gas	FO2	1957
	7	50.0	48.0	48.3	ST	Nat Gas	FO2	1958
	8	166.5	150.2	150.9	ST	Nat Gas	FO2	1972
Farmington City of								
Animas (San Juan)	HY1	0.2	0.2	0.2	HC	Water		1927
	IC10	0.7	0.6	0.6	IC	Nat Gas		1957
	IC3	1.0	0.9	0.9	IC	FO2		1956
	IC5	0.8	0.7	0.7	IC	FO2		1957
	ST4	17.0	17.0	17.0	ST	Nat Gas		1959
	1	3.0	3.0	3.0	ST	Nat Gas		1955
	2	3.0	3.0	3.0	ST	Nat Gas		1955
	3	9.0	9.0	9.0	ST	Nat Gas		1958
Navajo (San Juan)	1	15.0	16.0	15.1	HC	Water		1988
	2	15.0	16.0	16.0	HC	Water		1988
Lea County Electric Coop Inc								
North Lovington (Lea)	S1	16.0	16.0	16.0	ST	Nat Gas	FO2	1962
	S2	33.0	33.0	33.0	ST	Nat Gas	FO2	1966
Plains Elec Gen&Trans Coop Inc								
Algodones (Sandoval)	1	15.0	15.0	15.0	ST	Nat Gas	FO6	1954
	2	15.0	15.0	15.0	ST	Nat Gas	FO6	1954
	3	15.0	15.0	15.0	ST	Nat Gas	FO6	1959
Escalante (McKinley)	1	233.0	230.0	230.0	ST	SUB		1984
Public Service Co of NM								
Las Vegas (San Miguel)	1	20.0	15.5	20.0	GT	Nat Gas	FO2	1973
Person (Bernalillo)	ST4	33.0	33.2	33.2	ST	Nat Gas	FO2	1957
	1	22.0	18.1	18.1	ST	Nat Gas	FO2	1952
		22.0	22.2	22.2	ST	Nat Gas	FO2	1953
		33.0	31.9	31.9	ST	Nat Gas	FO2	1954
Reeves (Bernalillo)	1	44.0	44.0	44.0	ST	Nat Gas	FO6	1960
	2	44.0	44.0	44.0	ST	Nat Gas	FO6	1958
	3	66.0	66.0	66.0	ST	Nat Gas	FO6	1962
San Juan (San Juan)	1*	361.0	316.0	316.0	ST	BIT		1976
	2*	350.0	312.0	312.0	ST	BIT		1973
	3*	534.0	488.0	488.0	ST	BIT		1979
	4*	534.0	498.0	498.0	ST	BIT		1981
Raton Public Service Co								
Raton (Colfax)	3	1.5	1.8	1.8	ST	BIT		1937
	4	3.0	3.2	3.2	ST	BIT		1951
	5	6.0	6.9	6.9	ST	BIT		1961
Southwestern Public Service Co								
Carlsbad (Eddy)	5	16.3	16.0	16.0	GT	Nat Gas		1977
Cunningham (Lea)	1	75.0	71.0	71.0	ST	Nat Gas		1957
	2	190.4	196.0	196.0	ST	Nat Gas		1965
Maddox (Lea)	1	113.6	118.0	118.0	ST	Nat Gas		1967
	2	86.9	66.0	66.0	GT	Nat Gas		1976
Tucumcari (Quay)	3	1.0	1.0	1.0	IC	FO2		1980
	4	2.3	2.0	2.0	IC	FO2		1980
	6	4.1	3.0	3.0	IC	FO2		1980
	8	3.0	3.0	3.0	IC	FO2		1980
	9	4.8	5.0	5.0	IC	FO2		1980

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
New Mexico								
Texas New Mexico Power Co								
Lordsburg (Hidalgo)	1	13.0	9.6	11.3	CT	FO2		1964
	2	5.0	4.7	4.8	CW	WH		1939
	3	11.5	10.9	11.0	ST	Nat Gas	FO4	1949
	4	25.0	19.0	22.0	ST	Nat Gas	FO4	1968
U S ERDA-Los Alamos Area Off								
TA 3 (Los Alamos)	ST2	5.0	5.0	5.0	ST	Nat Gas	FO2	1950
	ST3	10.0	10.0	10.0	ST	Nat Gas	FO2	1952
	1	5.0	5.0	5.0	ST	Nat Gas	FO2	1950
New York								
Central Hudson Gas & Elec Corp								
Danskammer (Orange)	1	72.0	60.0	60.0	ST	FO6	Nat Gas	1951
	2	73.5	62.0	62.0	ST	FO6	Nat Gas	1954
	3	147.1	136.0	136.0	ST	BIT	Nat Gas	1959
	4	239.4	230.0	230.0	ST	BIT	Nat Gas	1967
	5	2.8	2.5	2.5	IC	FO2		1966
	6	2.8	2.5	2.5	IC	FO2		1966
Dashville (Ulster)	1	2.4	1.5	1.9	HC	Water		1920
	2	2.4	1.5	1.9	HC	Water		1920
High Falls (Ulster)	1	3.2	1.2	2.7	HC	Water		1986
Neversink (Sullivan)	H1	25.0	24.0	24.0	HC	Water		1953
Roseton (Orange)	1*	621.0	600.0	600.0	ST	FO6		1974
	2*	621.0	600.0	600.0	ST	FO6		1974
South Cairo (Greene)	GT1	21.3	19.0	24.0	GT	KER		1970
Sturgeon Pool (Ulster)	H1	4.8	4.9	5.0	HC	Water		1924
	H2	4.8	4.9	5.0	HC	Water		1924
	H3	4.8	4.8	4.8	HC	Water		1924
West Coxsackie (Greene)	GT1	21.3	19.0	24.0	GT	Nat Gas	KER	1960
Central Vermont Pub Serv Corp								
Carver Falls (Washington)	1	1.1	1.2	1.2	HC	Water		1921
	2	0.5	0.6	0.6	HC	Water		1921
Consolidated Edison Co-NY Inc								
Arthur Kill (Richmond)	GT1	16.3	16.0	18.0	GT	FO2		1970
	2	376.2	335.0	350.0	ST	FO6		1959
	3	535.5	491.0	501.0	ST	FO6		1969
Astoria (Queens)	GT1	16.0	15.0	18.0	GT	Nat Gas		1967
	GT5	19.8	13.0	15.0	GT	FO2		1970
	ST1	200.0	171.0	175.0	ST	Nat Gas	FO6	1953
	ST5	387.2	361.0	369.0	ST	FO6	Nat Gas	1962
	10	25.0	20.0	26.0	GT	FO2		1970
	11	25.0	20.0	26.0	GT	FO2		1971
	12	25.0	20.0	26.0	GT	FO2		1971
	13	25.0	20.0	26.0	GT	FO2		1971
	2	200.0	171.0	175.0	ST	Nat Gas	FO6	1954
	2-1	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	2-2	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	2-3	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	2-4	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	3	376.2	353.0	361.0	ST	Nat Gas	FO6	1958
	3-1	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	3-2	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	3-3	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	3-4	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	4	387.2	361.0	369.0	ST	FO6	Nat Gas	1961
	4-1	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	4-2	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	4-3	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	4-4	44.1	39.0	46.0	GT	Nat Gas	KER	1970
	7	19.8	13.0	15.0	GT	FO2		1970
	8	19.8	13.0	15.0	GT	FO2		1970
	9	19.8	13.0	15.0	GT	FO2		1970
Buchanan (Westchester)	GT2	25.0	21.0	27.0	GT	FO2		1971

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New York								
Consolidated Edison Co-NY Inc								
	GT3	19.8	16.0	20.0	GT	FO2		1970
East River (New York)	5	156.3	130.0	134.0	ST	FO6	Nat Gas	1951
	6	156.3	130.0	134.0	ST	FO6	Nat Gas	1951
	7	200.0	170.0	175.0	ST	Nat Gas	FO6	1955
Gowanus (Kings)	1A	21.5	17.0	22.0	GT	FO2		1971
	1B	21.5	17.0	22.0	GT	FO2		1971
	1C	21.5	17.0	22.0	GT	FO2		1971
	1D	21.5	17.0	22.0	GT	FO2		1971
	1E	21.5	17.0	22.0	GT	FO2		1971
	1F	21.5	17.0	22.0	GT	FO2		1971
	1G	21.5	17.0	22.0	GT	FO2		1971
	1H	21.5	17.0	22.0	GT	FO2		1971
	2A	21.5	17.0	22.0	GT	FO2		1971
	2B	21.5	17.0	22.0	GT	FO2		1971
	2C	21.5	17.0	22.0	GT	FO2		1971
	2D	21.5	17.0	22.0	GT	FO2		1971
	2E	21.5	17.0	22.0	GT	FO2		1971
	2F	21.5	17.0	22.0	GT	FO2		1971
	2G	21.5	17.0	22.0	GT	FO2		1971
	2H	21.5	17.0	22.0	GT	FO2		1971
	3A	21.5	17.0	22.0	GT	FO2		1971
	3B	21.5	17.0	22.0	GT	FO2		1971
	3C	21.5	17.0	22.0	GT	FO2		1971
	3D	21.5	17.0	22.0	GT	FO2		1971
	3E	21.5	17.0	22.0	GT	FO2		1971
	3F	21.5	17.0	22.0	GT	FO2		1971
	3G	21.5	17.0	22.0	GT	FO2		1971
	3H	21.5	17.0	22.0	GT	FO2		1971
	4A	21.5	17.0	22.0	GT	FO2		1971
	4B	21.5	17.0	22.0	GT	FO2		1971
	4C	21.5	17.0	22.0	GT	FO2		1971
	4D	21.5	17.0	22.0	GT	FO2		1971
	4E	21.5	17.0	22.0	GT	FO2		1971
	4F	21.5	17.0	22.0	GT	FO2		1971
	4G	21.5	17.0	22.0	GT	FO2		1971
	4H	21.5	17.0	22.0	GT	FO2		1971
Hudson Avenue (Kings)	GT1	17.1	13.0	16.0	GT	KER		1968
	GT2	18.6	17.0	20.0	GT	KER		1968
	GT3	16.3	14.0	17.0	GT	FO2		1970
	GT5	16.3	14.0	17.0	GT	FO2		1970
	10	75.0	44.0	44.0	ST	FO6		1951
	4	16.3	14.0	17.0	GT	FO2		1970
Indian Point (Westchester)	GT1	16.6	19.0	25.0	GT	FO2		1969
	2	1013.0	849.0	864.0	NP	Uranium		1973
Kent Avenue (Kings)	2	14.0	9.0	12.0	GT	KER		1968
Narrows (Kings)	GT1	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT2	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT3	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT4	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT5	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT6	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT7	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	GT8	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-1	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-2	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-3	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-4	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-5	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-6	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-7	24.6	17.0	23.0	GT	Nat Gas	KER	1972
	2-8	24.6	17.0	23.0	GT	Nat Gas	KER	1972
Ravenswood (Queens)	GT1	16.0	15.0	18.0	GT	Nat Gas		1967
	GT4	16.3	16.0	18.0	GT	Nat Gas	KER	1970
	GT5	16.3	16.0	19.0	GT	Nat Gas	KER	1970
	GT6	15.8	17.0	20.0	GT	Nat Gas	KER	1970
	GT7	15.8	17.0	20.0	GT	Nat Gas	KER	1970

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New York								
Consolidated Edison Co-NY Inc								
	GT8	22.4	19.0	23.0	GT	Nat Gas	KER	1970
	GT9	22.4	19.0	23.0	GT	Nat Gas	KER	1970
	G10	22.4	19.0	23.0	GT	Nat Gas	KER	1970
	G11	22.4	19.0	23.0	GT	Nat Gas	KER	1970
	1	400.0	385.0	390.0	ST	Nat Gas	FO6	1962
	2	400.0	385.0	390.0	ST	Nat Gas	FO6	1963
	2-1	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	2-2	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	2-3	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	2-4	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	3	1027.7	972.0	972.0	ST	FO6	Nat Gas	1965
	3-1	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	3-2	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	3-3	39.0	32.0	41.0	GT	Nat Gas	KER	1970
	3-4	39.0	32.0	41.0	GT	Nat Gas	KER	1970
Waterside (New York)	GT1	14.0	11.0	14.0	GT	KER		1968
	14	60.0	53.0	58.0	ST	Nat Gas	FO6	1948
	15	75.0	65.0	70.0	ST	Nat Gas	FO6	1949
	4	50.0	29.0	29.0	ST	Nat Gas	FO6	1937
	5	66.3	34.0	34.0	ST	Nat Gas	FO6	1938
	7	81.3	57.0	57.0	ST	Nat Gas	FO6	1941
	8	62.5	45.0	45.0	ST	Nat Gas	FO6	1949
	9	62.5	45.0	45.0	ST	Nat Gas	FO6	1949
59th Street (New York)	GT1	17.1	17.0	20.0	GT	KER		1969
	GT2	17.1	17.0	20.0	GT	KER		1969
	13	57.5	67.0	67.0	ST	FO6		1952
	14	22.0	16.0	16.0	ST	FO6		1962
	15	35.0	19.0	19.0	ST	FO6		1968
74th Street (New York)	GT1	18.6	17.0	20.0	GT	KER		1968
	GT2	18.6	17.0	20.0	GT	KER		1968
	10	69.0	66.2	67.6	ST	FO6		1956
	11	35.0	36.0	36.0	ST	FO6		1962
	9	75.0	71.9	73.4	ST	FO6		1959
Fishers Island Electric Corp								
Fishers Island (Suffolk)	4	0.4	0.4	0.4	IC	FO2		1965
	5	0.8	0.8	0.8	IC	FO2		1957
Freeport Village of Inc								
Plant No 1 (Nassau)	1	2.1	1.5	2.0	IC	FO2		1941
	2	3.0	2.5	2.8	IC	FO2		1949
	3	3.2	2.7	2.9	IC	FO2		1954
	4	5.2	4.8	5.0	IC	FO2		1964
Plant No 2 (Nassau)	1	9.6	8.0	9.0	IC	FO2		1969
	2	9.6	8.0	9.0	IC	FO2		1969
	3	18.2	16.8	18.0	GT	FO2		1973
Gouverneur City of								
Gouverneur (St Lawrence)	1	0.1	0.2	0.2	HC	Water		1926
	2	0.1	0.2	0.2	HC	Water		1926
Greenport Village of								
Greenport (Suffolk)	IC3	0.7	0.7	0.7	IC	FO2	Nat Gas	1948
	4	1.3	1.0	1.0	IC	FO2	Nat Gas	1957
	5	1.9	1.5	1.5	IC	FO2	Nat Gas	1965
	6	3.6	3.0	3.0	IC	FO2	Nat Gas	1971
Hydro Development Group Inc								
Copenhagen (Lewis)	1[*]	1.5	1.5	1.5	HC	Water		1984
	2[*]	1.5	1.5	1.5	HC	Water		1984
	3[*]	0.3	0.3	0.3	HC	Water		1984
Dexter (Jefferson)	1	0.5	0.5	0.5	HC	Water		1931
	2	0.5	0.5	0.5	HC	Water		1931
	3	0.2	0.2	0.2	HC	Water		1958
	5	0.3	0.3	0.3	HC	Water		1986
	6	0.3	0.3	0.3	HC	Water		1986

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New York								
Hydro Development Group Inc								
	7	1.3	1.2	1.2	HC	Water		1988
	8	1.3	1.2	1.2	HC	Water		1988
Diamond Island (Jefferson)	1	0.4	0.4	0.4	HC	Water		1914
	2	0.4	0.4	0.4	HC	Water		1914
	3	0.4	0.4	0.4	HC	Water		1914
Fowler No 7 Mill (St Lawrence)	1	0.3	0.3	0.3	HC	Water		1922
	2	0.3	0.3	0.3	HC	Water		1922
	3	0.3	0.3	0.3	HC	Water		1922
Hailesboro No 3 Mill (St Lawrence)	1	0.5	0.5	0.5	HC	Water		1984
	2	0.5	0.5	0.5	HC	Water		1984
Hailesboro No 4 Mill (St Lawrence)	1	0.9	0.9	0.9	HC	Water		1922
	2	0.6	0.6	0.6	HC	Water		1922
Hailesboro No 6 Mill (St Lawrence)	1	0.5	0.5	0.5	HC	Water		1983
	2	0.5	0.5	0.5	HC	Water		1983
Pyrites 1 (St Lawrence)	1[*]	1.2	1.2	1.2	HC	Water		1948
Pyrites 2 (St Lawrence)	1[*]	3.5	3.5	3.5	HC	Water		1985
	2[*]	3.5	3.5	3.5	HC	Water		1985
Theresa (Jefferson)	1	1.0	1.0	1.0	HC	Water		1929
	2	0.3	0.3	0.3	HC	Water		1927
Jamestown City of								
S A Carlson (Chautauqua)	5	30.5	25.0	25.0	ST	BIT		1951
	6	27.2	25.0	25.0	ST	BIT		1968
Long Island Lighting Co								
E F Barrett (Nassau)	GT1	18.0	15.4	19.6	GT	Nat Gas	FO2	1970
	GT2	18.0	15.4	19.6	GT	Nat Gas	FO2	1970
	ST1	187.5	186.0	192.0	ST	Nat Gas	FO6	1956
	ST2	187.5	140.0	192.0	ST	Nat Gas	FO6	1963
	10	41.9	39.8	50.0	GT	Nat Gas	FO2	1971
	11	41.9	39.8	50.0	GT	Nat Gas	FO2	1971
	12	41.9	39.8	50.0	GT	Nat Gas	FO2	1971
	3	18.0	15.4	19.6	GT	Nat Gas	FO2	1970
	4	18.0	15.4	19.6	GT	Nat Gas	FO2	1970
	5	18.0	15.4	19.6	GT	Nat Gas	FO2	1970
	6	18.0	15.4	19.6	GT	Nat Gas	FO2	1970
	7	18.0	15.4	19.6	GT	Nat Gas	FO2	1970
	8	18.0	15.4	19.6	GT	Nat Gas	FO2	1970
	9	41.9	39.8	50.0	GT	Nat Gas	FO2	1971
East Hampton (Suffolk)	1	21.3	20.0	25.0	GT	FO2		1970
	2	2.0	2.0	2.0	IC	FO2		1962
	3	2.0	2.0	2.0	IC	FO2		1962
	4	2.0	2.0	2.0	IC	FO2		1962
Far Rockaway (Queens)	4	113.6	114.0	113.0	ST	FO6	Nat Gas	1953
Glenwood (Nassau)	GT2	55.4	49.5	66.0	GT	FO2		1972
	GT3	55.4	49.5	66.0	GT	FO2		1972
	1	16.0	15.0	19.0	GT	FO2		1967
	4	113.6	113.0	110.0	ST	Nat Gas	FO6	1952
	5	113.6	113.0	110.0	ST	Nat Gas	FO6	1954
Holtsville (Suffolk)	1	56.7	50.6	65.0	GT	FO2		1974
	10	56.7	50.6	65.0	GT	FO2		1975
	2	56.7	50.6	65.0	GT	FO2		1974
	3	56.7	50.6	65.0	GT	FO2		1974
	4	56.7	50.6	65.0	GT	FO2		1974
	5	56.7	50.6	65.0	GT	FO2		1974
	6	56.7	50.6	65.0	GT	FO2		1975
	7	56.7	50.6	65.0	GT	FO2		1975
	8	56.7	50.6	65.0	GT	FO2		1975
	9	56.7	50.6	65.0	GT	FO2		1975
Montauk (Suffolk)	2	2.0	2.0	2.0	IC	FO2		1962
	3	2.0	2.0	2.0	IC	FO2		1965
	4	2.0	2.0	2.0	IC	FO2		1965
Northport (Suffolk)	GT1	16.0	16.0	20.0	GT	FO2		1967
	ST1	387.1	384.0	384.0	ST	FO6		1967
	2	387.1	386.0	386.0	ST	FO6		1968
	3	387.1	382.0	382.0	ST	FO6		1972

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New York								
Long Island Lighting Co								
	4	387.1	382.0	376.0	ST	FO6		1977
Port Jefferson (Suffolk)	GT1	16.0	16.0	19.0	GT	FO2		1966
	ST1	46.0	47.0	48.0	ST	FO6		1948
	2	46.0	45.0	46.0	ST	FO6		1950
	3	187.5	193.0	192.0	ST	FO6		1958
	4	187.5	196.0	191.0	ST	FO6		1960
Shoreham (Suffolk)	GT1	52.9	52.0	62.0	GT	FO2		1971
	GT2	18.6	18.0	21.0	GT	O2		1966
	01	2.0	2.0	2.0	IC	FO2		1985
	02	2.0	2.0	2.0	IC	FO2		1985
	03	2.0	2.0	2.0	IC	FO2		1985
	04	2.0	2.0	2.0	IC	FO2		1985
South Hampton (Suffolk)	1	11.5	9.0	13.0	GT	FO2		1963
Southold (Suffolk)	1	14.0	13.0	16.0	GT	FO2		1964
West Babylon (Suffolk)	4	52.9	45.0	60.0	GT	FO2		1971
New York State Elec & Gas Corp								
Cadyville (Clinton)	1	1.2	1.2	1.2	HC	Water		1921
	2	1.2	1.2	1.2	HC	Water		1921
	3	3.1	3.1	3.1	HC	Water		1986
Goudey (Broome)	7	43.8	44.0	44.0	ST	BIT		1943
	8	75.0	83.0	83.0	ST	BIT		1951
Greenidge (Yates)	3	56.8	55.0	55.0	ST	BIT		1950
	4	112.5	108.0	108.0	ST	BIT		1953
Harris Lake (Essex)	1	1.8	2.0	2.0	IC	FO2		1967
Hickling (Steuben)	1	37.5	37.0	37.0	ST	BIT		1948
	2	49.0	51.0	51.0	ST	BIT	WD	1952
High Falls (Clinton)	1	4.0	4.0	4.0	HC	Water		1948
	2	4.0	4.0	4.0	HC	Water		1949
	3	7.0	7.9	7.9	HC	Water		1956
Jennison (Chenango)	1	37.5	33.0	33.0	ST	BIT	WD	1945
	2	37.5	38.0	38.0	ST	BIT	WD	1950
Kent Falls (Clinton)	1	3.2	3.0	3.0	HC	Water		1928
	2	3.2	3.0	3.0	HC	Water		1928
	3	6.0	6.0	6.0	HC	Water		1985
Keuka (Steuben)	1	2.0	2.0	2.0	HC	Water		1928
Mechanicville (Saratoga)	HY2	8.3	8.2	8.2	HC	Water		1983
	1	8.3	8.2	8.2	HC	Water		1983
Mill C (Clinton)	1	1.0	1.0	1.0	HC	Water		1944
	2	1.3	1.3	1.3	HC	Water		1943
	3	3.8	3.6	3.6	HC	Water		1984
Milliken (Tompkins)	IC1	2.8	2.8	2.8	IC	FO2		1967
	IC2	2.8	2.8	2.8	IC	FO2		1967
	1	155.3	157.0	157.0	ST	BIT		1955
	2	167.2	160.0	160.0	ST	BIT		1958
Rainbow Falls (Clinton)	1	1.3	1.4	1.4	HC	Water		1926
	2	1.3	1.4	1.4	HC	Water		1927
Seneca Falls (Seneca)	1	2.0	1.5	1.5	HC	Water		1917
	2	2.0	1.5	1.5	HC	Water		1917
	3	2.0	1.5	1.5	HC	Water		1917
	4	2.0	1.5	1.5	HC	Water		1917
Somerset (Niagara)	1	655.1	684.0	684.0	ST	BIT		1984
Waterloo (Seneca)	1	0.5	0.5	0.5	HC	Water		1915
	2	0.5	0.5	0.5	HC	Water		1915
	3	0.5	0.5	0.5	HC	Water		1915
	4	0.5	0.5	0.5	HC	Water		1915
Niagara Mohawk Power Corp								
Albany (Albany)	G11	38.9	31.8	41.0	GT	Nat Gas	KER	1969
	G12	38.9	31.8	41.0	GT	Nat Gas	KER	1969
	G13	38.9	31.8	41.0	GT	Nat Gas	KER	1969
	G14	38.9	31.8	41.0	GT	Nat Gas	KER	1969
	IC1	0.7	0.6	0.7	IC	FO2		1967
	1	100.0	100.0	100.0	ST	Nat Gas	FO6	1952
	2	100.0	100.0	100.0	ST	Nat Gas	FO6	1952
	3	100.0	100.0	100.0	ST	Nat Gas	FO6	1953

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New York								
Niagara Mohawk Power Corp								
	4	100.0	100.0	100.0	ST	Nat Gas	FO6	1954
Allens Falls (St Lawrence)	1	4.4	3.5	4.0	HC	Water		1927
Bakers Falls (Washington)	1	0.8	0.7	0.7	HC	Water		1902
	2	0.8	0.7	0.7	HC	Water		1902
	3	0.8	0.7	0.7	HC	Water		1902
Baldwinsville (Onondaga)	1	0.3	0.4	0.4	HC	Water		1927
	2	0.3	0.4	0.4	HC	Water		1927
Beardslee (Herkimer)	1	10.0	8.0	8.0	HC	Water		1924
	2	10.0	8.0	8.0	HC	Water		1924
Beebee Island (Jefferson)	1[*]	4.0	3.3	3.3	HC	Water		1968
	2[*]	4.0	3.3	3.3	HC	Water		1963
Belfort (Lewis)	1	0.4	0.4	0.4	HC	Water		1903
	2	0.6	0.4	0.4	HC	Water		1915
	3	1.0	1.0	1.0	HC	Water		1918
Bennetts Bridge (Oswego)	1	6.4	6.5	6.2	HC	Water		1970
	2	6.4	6.5	6.2	HC	Water		1970
	3	7.0	7.0	7.0	HC	Water		1966
	4	7.0	7.0	7.0	HC	Water		1964
Black River (Jefferson)	1	2.0	1.7	1.9	HC	Water		1920
	2	2.0	1.7	1.9	HC	Water		1920
	3	2.0	1.7	1.9	HC	Water		1920
Blake (St Lawrence)	1	14.4	14.0	14.9	HC	Water		1957
Browns Falls (St Lawrence)	1	7.5	7.4	7.4	HC	Water		1923
C R Huntley (Erie)	IC1	0.7	0.6	0.7	IC	FO2		1967
	S68	218.0	190.0	190.0	ST	BIT		1958
	63	92.0	85.0	85.0	ST	BIT		1942
	34	100.0	85.0	85.0	ST	BIT		1948
	65	100.0	85.0	85.0	ST	BIT		1953
	66	100.0	85.0	85.0	ST	BIT		1954
	67	218.0	185.0	185.0	ST	BIT		1957
Chasm (Franklin)	1	1.0	1.0	1.3	HC	Water		1913
	2	1.0	1.0	1.3	HC	Water		1913
	3	1.4	1.2	1.3	HC	Water		1926
Colton (St Lawrence)	1	10.0	9.5	9.5	HC	Water		1962
	2	10.0	9.5	9.5	HC	Water		1918
	3	10.0	9.0	9.0	HC	Water		1928
Deferiet (Jefferson)	1	3.6	2.9	3.4	HC	Water		1925
	2	3.6	2.9	3.4	HC	Water		1925
	3	3.6	2.9	3.4	HC	Water		1925
Dunkirk (Chautauqua)	IC1	0.7	0.6	0.7	IC	FO2		1967
	ST4	218.0	185.0	185.0	ST	BIT		1960
	1	96.0	90.0	90.0	ST	BIT		1950
	2	96.0	90.0	90.0	ST	BIT		1950
	3	218.0	195.0	195.0	ST	BIT		1959
E J West (Saratoga)	1	10.0	7.7	7.7	HC	Water		1930
	2	10.0	7.7	7.7	HC	Water		1930
Eagle (Lewis)	1	1.3	1.0	1.0	HC	Water		1914
	2	1.4	1.0	1.0	HC	Water		1915
	3	1.4	1.0	1.0	HC	Water		1919
	4	2.1	2.0	2.0	HC	Water		1925
East Norfolk (St Lawrence)	1	3.0	3.6	3.8	HC	Water		1928
Eel Weir (St Lawrence)	1	0.5	0.3	0.3	HC	Water		1928
	2	1.1	0.5	0.8	HC	Water		1938
	3	1.1	0.5	0.8	HC	Water		1938
Effley (Lewis)	1	0.4	0.4	0.4	HC	Water		1902
	2	0.4	0.4	0.4	HC	Water		1907
	3	0.6	0.6	0.6	HC	Water		1910
	4	1.6	1.3	1.3	HC	Water		1923
Elmer (Lewis)	1	0.8	0.8	0.8	HC	Water		1916
	2	0.8	0.8	0.8	HC	Water		1916
Ephratah (Fulton)	1	1.4	0.5	0.6	HC	Water		1920
	2	1.2	0.5	0.6	HC	Water		1911
	3	1.3	0.5	0.6	HC	Water		1911
	4	1.3	0.5	0.6	HC	Water		1911
Feeder Dam (Saratoga)	1	1.2	0.9	0.9	HC	Water		1924
	2	1.2	0.9	0.9	HC	Water		1924

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
New York								
Niagara Mohawk Power Corp								
	3	1.2	0.9	0.9	HC	Water		1924
	4	1.2	0.9	0.9	HC	Water		1924
	5	1.2	0.9	0.9	HC	Water		1924
Five Falls (St Lawrence)	1	22.5	23.9	23.9	HC	Water		1955
Flat Rock (St Lawrence)	1	3.0	2.5	2.5	HC	Water		1924
	2	3.0	2.5	2.5	HC	Water		1924
Franklin (Franklin)	1	1.1	1.0	1.1	HC	Water		1911
	2	1.1	1.0	1.1	HC	Water		1926
Fulton (Oswego)	1	0.8	0.5	0.5	HC	Water		1924
	2	0.5	0.5	0.5	HC	Water		1928
Glenwood (Orleans)	1	0.5	0.3	0.1	HC	Water		1950
	2	0.5	0.2	0.1	HC	Water		1950
	3	0.5	0.2	0.1	HC	Water		1950
Granby (Oswego)	1	5.0	3.5	3.5	HC	Water		1983
	2	5.0	3.5	3.5	HC	Water		1983
Green Island (Albany)	1	1.5	1.1	1.4	HC	Water		1971
	2	1.5	1.1	1.4	HC	Water		1971
	3	1.5	1.1	1.4	HC	Water		1971
	4	1.5	1.1	1.4	HC	Water		1971
Hannawa (St Lawrence)	1	3.6	3.7	3.7	HC	Water		1914
	2	3.6	3.7	3.7	HC	Water		1920
Herrings (Jefferson)	1	1.8	1.1	1.5	HC	Water		1924
	2	1.8	1.1	1.5	HC	Water		1924
	3	1.8	1.1	1.5	HC	Water		1924
Heuvelton (St Lawrence)	1	0.5	0.4	0.4	HC	Water		1924
	2	0.5	0.4	0.4	HC	Water		1924
High Dam (Oswego)	1	1.8	1.0	1.5	HC	Water		1928
	2	1.8	1.0	1.5	HC	Water		1928
	3	1.8	1.0	1.5	HC	Water		1928
	4	2.2	1.0	2.0	HC	Water		1949
High Falls (Lewis)	1	1.6	1.6	1.6	HC	Water		1925
	2	1.6	1.6	1.6	HC	Water		1925
	3	1.6	1.6	1.6	HC	Water		1925
Higley (St Lawrence)	1	1.2	1.1	1.2	HC	Water		1913
	2	1.2	1.1	1.2	HC	Water		1913
	3	2.1	1.1	1.7	HC	Water		1943
Hogansburg (Franklin)	1	0.7	0.4	0.4	HC	Water		1930
Hydraulic Race (Niagara)	1	4.7	2.0	4.6	HC	Water		1942
Inghams (Herkimer)	1	3.2	2.5	2.5	HC	Water		1912
	2	3.2	2.5	2.5	HC	Water		1912
Johnsonville (Rensselaer)	1	2.4	1.5	1.5	HC	Water		1909
	2	2.4	1.5	1.5	HC	Water		1909
Kamargo (Jefferson)	1	1.8	1.6	1.6	HC	Water		1921
	2	1.8	1.6	1.6	HC	Water		1921
	3	1.8	1.5	1.5	HC	Water		1921
Lighthouse Hill (Oswego)	1	3.8	3.8	3.8	HC	Water		1930
	2	3.8	3.8	3.8	HC	Water		1930
Macomb (Franklin)	1	1.0	0.9	1.0	HC	Water		1940
Middle Falls (Washington)	1	0.3	0.1	0.2	HC	Water		1900
	2	0.3	0.1	0.2	HC	Water		1900
	3	0.4	0.1	0.1	HC	Water		1911
Minetto (Oswego)	HY1	1.6	1.3	1.5	HC	Water		1915
	HY2	1.6	1.3	1.5	HC	Water		1915
	HY3	1.6	1.3	1.5	HC	Water		1915
	HY4	1.6	1.3	1.5	HC	Water		1975
	HY5	1.6	1.3	1.5	HC	Water		1915
Moreau (Saratoga)	1	2.8	2.8	2.8	HC	Water		1948
	2	2.0	2.2	2.2	HC	Water		1933
Moshier (Herkimer)	1	4.0	4.3	4.3	HC	Water		1929
	2	4.0	4.3	4.3	HC	Water		1929
Nine Mile Point (Oswego)	IC1	2.5	2.3	2.6	IC	FO2		1969
	IC2	2.5	2.3	2.6	IC	FO2		1969
	1	641.8	610.0	610.0	NB	Uranium		1969
	2*	1166.0	1072.0	1090.0	NB	Uranium		1987
Norfolk (St Lawrence)	1	4.5	3.8	4.3	HC	Water		1928
Norwood (St Lawrence)	1	2.0	2.0	2.2	HC	Water		1928

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New York								
Niagara Mohawk Power Corp								
Oak Orchard (Orleans)	1	0.4	0.3	0.0	HC	Water		1941
Oswegatchie (St Lawrence)	N1	0.2	0.2	0.2	HC	Water		1988
	1	0.6	0.4	0.4	HC	Water		1913
Oswego (Oswego)	IC1	0.7	0.6	0.7	IC	FO2		1967
	IC2	0.8	0.7	0.8	IC	FO2		1976
	IC3	0.8	1.0	1.0	IC	FO2		1980
	ST1	92.0	87.9	89.8	ST	FO6		1940
	ST5	902.0	850.0	850.0	ST	FO6		1975
	ST6*	902.0	632.0	632.0	ST	FO6		1980
	2	92.0	87.9	89.8	ST	FO6		1941
	3	92.0	87.9	89.8	ST	FO6		1948
	4	100.0	90.0	90.0	ST	FO6		1951
Oswego Falls East (Oswego)	1	1.5	1.5	1.5	HC	Water		1914
	2	1.5	1.5	1.5	HC	Water		1914
	3	1.5	1.5	1.5	HC	Water		1914
Oswego Falls West (Oswego)	1	0.8	0.3	0.3	HC	Water		1914
	2	0.8	0.3	0.3	HC	Water		1914
	3	0.4	0.3	0.3	HC	Water		1914
	4	0.9	0.3	0.3	HC	Water		1914
	5	0.9	0.3	0.3	HC	Water		1914
Parishville (St Lawrence)	1	2.4	2.3	2.3	HC	Water		1925
Piercefield (St Lawrence)	1	1.5	1.5	0.8	HC	Water		1957
	2	0.6	0.4	0.8	HC	Water		1924
	3	0.6	0.6	0.8	HC	Water		1924
Prospect (Herkimer)	1	17.3	18.0	18.0	HC	Water		1959
Rainbow Falls (St Lawrence)	1	22.5	23.7	23.7	HC	Water		1956
Raymondville (St Lawrence)	1	2.0	2.0	2.0	HC	Water		1928
Rotterdam (Schenectady)	G13	22.5	13.8	18.3	GT	Nat Gas	FO2	1970
	G15	22.5	13.8	18.3	GT	Nat Gas	FO2	1970
	G17	22.5	13.8	18.3	GT	Nat Gas	FO2	1970
	G18	22.5	13.8	18.3	GT	Nat Gas	FO2	1970
Schaghticoke (Rensselaer)	1	3.3	3.0	3.5	HC	Water		1908
	2	3.3	3.0	3.5	HC	Water		1908
	3	3.3	3.0	3.5	HC	Water		1908
	4	3.3	3.0	3.5	HC	Water		1908
School Street (Albany)	1	7.2	5.2	6.3	HC	Water		1974
	2	7.2	5.2	6.3	HC	Water		1915
	3	7.2	5.2	6.3	HC	Water		1915
	4	7.2	5.2	6.3	HC	Water		1922
	5	10.0	5.2	6.3	HC	Water		1924
Schuylerville (Saratoga)	1	1.6	1.3	1.3	HC	Water		1919
Sewalls (Jefferson)	1	1.0	1.0	1.0	HC	Water		1925
	2	1.0	0.9	0.9	HC	Water		1925
Sherman Island (Warren)	2	7.2	7.0	7.0	HC	Water		1923
	3	7.2	7.0	7.0	HC	Water		1923
	4	7.2	7.0	7.0	HC	Water		1923
	5	7.2	7.0	7.0	HC	Water		1923
Soft Maple (Lewis)	1	7.5	6.0	6.0	HC	Water		1925
	2	7.5	6.0	6.0	HC	Water		1925
South Colton (St Lawrence)	1	19.4	18.5	20.0	HC	Water		1954
South Edwards (St Lawrence)	1	1.0	1.2	1.2	HC	Water		1937
	2	1.0	1.2	1.2	HC	Water		1937
	3	0.7	0.6	0.7	HC	Water		1921
South Glens Falls (Saratoga)	1	2.0	2.0	2.0	HC	Water		1916
	2	1.8	1.5	1.5	HC	Water		1924
Spier Falls (Saratoga)	8	6.8	3.3	7.3	HC	Water		1924
	9	37.6	40.0	40.0	HC	Water		1930
Stark (St Lawrence)	1	22.5	23.0	23.0	HC	Water		1957
Stewarts Bridge (Saratoga)	1	30.0	29.0	31.2	HC	Water		1952
Stuyvesant Falls (Columbia)	1	2.8	1.5	1.8	HC	Water		1943
Sugar Island (St Lawrence)	1	2.4	2.0	2.0	HC	Water		1924
	2	2.4	2.0	2.0	HC	Water		1924
Taylorville (Lewis)	1	1.1	1.1	1.1	HC	Water		1913
	2	1.1	1.1	1.1	HC	Water		1913
	3	1.1	1.1	1.1	HC	Water		1913
	4	1.2	1.1	1.1	HC	Water		1927

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
New York								
Niagara Mohawk Power Corp								
Trenton Falls (Oneida)	5	6.8	7.0	7.0	HC	Water		1919
	6	6.4	6.5	6.5	HC	Water		1919
	7	6.4	6.4	6.4	HC	Water		1922
	8	0.1	0.1	0.1	HC	Water		1902
Union Falls (Clinton)	1	1.2	1.1	1.1	HC	Water		1907
Varick (Oswego)	2	2.2	1.0	1.3	HC	Water		1926
	3	2.2	1.0	1.3	HC	Water		1926
	4	2.2	1.0	1.3	HC	Water		1926
	5	2.2	1.0	1.3	HC	Water		1926
Waterport (Orleans)	1	2.3	0.7	0.4	HC	Water		1941
	2	2.4	0.7	0.4	HC	Water		1968
Yaleville (St Lawrence)	1	0.5	0.3	0.3	HC	Water		1940
	2	0.2	0.2	0.2	HC	Water		1940
Orange & Rockland Utils Inc								
Bowline Point (Rockland)	1°	621.0	600.0	600.0	ST	FO6	Nat Gas	1972
	2°	621.0	605.4	605.4	ST	FO6	Nat Gas	1974
Grahamsville (Sullivan)	1	18.0	17.0	18.0	HC	Water		1956
Hillburn (Rockland)	GT1	41.9	37.4	43.4	GT	Nat Gas	KER	1971
Lovett (Rockland)	1	23.0	19.5	16.8	ST	FO6	Nat Gas	1949
	2	23.0	19.5	18.5	ST	FO6	Nat Gas	1951
	3	69.0	67.3	67.0	ST	FO6	Nat Gas	1955
	4	179.5	188.9	188.8	ST	BIT	Nat Gas	1966
	5	200.6	198.3	198.3	ST	BIT	Nat Gas	1969
Mongaup (Sullivan)	1	1.0	0.8	0.9	HC	Water		1923
	2	1.0	1.0	1.0	HC	Water		1923
	3	1.0	0.8	0.9	HC	Water		1923
	4	1.0	1.0	1.0	HC	Water		1925
Rio (Sullivan)	1	5.0	5.0	5.2	HC	Water		1927
	2	5.0	4.8	4.8	HC	Water		1927
Shoemaker (Orange)	1	41.9	37.7	43.7	GT	Nat Gas	KER	1971
Swinging Bridge 1 (Sullivan)	1	5.0	4.6	4.6	HC	Water		1929
Swinging Bridge 2 (Sullivan)	1	7.0	7.6	7.6	HC	Water		1939
Power Authority of State of NY								
Ashokan (Ulster)	1	2.4	3.8[2]	3.3[2]	HC	Water		1982
	2	2.4	-[2]	-[2]	HC	Water		1982
Blenheim-Gilboa (Schoharie)	1	250.0	1000.0[2]	1000.0[2]	HR	Water		1973
	2	250.0	-[2]	-[2]	HR	Water		1973
	3	250.0	-[2]	-[2]	HR	Water		1973
	4	250.0	-[2]	-[2]	HR	Water		1973
Charles Poletti (Queens)	6	883.0	825.0	825.0	ST	FO6	Nat Gas	1976
Crescent (Albany)	1	2.8	2.5	2.5	HC	Water		1924
	2	2.8	2.5	2.5	HC	Water		1924
Indian Point 3 (Westchester)	3	1013.0	965.0	965.0	NP	Uranium		1976
James A FitzPatrick (Oswego)	1	883.0	800.0	800.0	NB	Uranium		1975
Jarvis (Hinckley) (Oneida)	1	4.5	2.0	2.0	HC	Water		1985
	2	4.5	2.0	2.0	HC	Water		1985
Kensico (Westchester)	1	1.0	2.4[2]	2.4[2]	HC	Water		1983
	2	1.0	-[2]	-[2]	HC	Water		1983
	3	1.0	-[2]	-[2]	HC	Water		1983
Lewiston (Niagara)	1	20.0	2730.0[10]	2730.0[10]	HR	Water		1961
	10	20.0	-[10]	-[10]	HR	Water		1962
	11	20.0	-[10]	-[10]	HR	Water		1962
	12	20.0	-[10]	-[10]	HR	Water		1962
	2	20.0	-[10]	-[10]	HR	Water		1961
	3	20.0	-[10]	-[10]	HR	Water		1961
	4	20.0	-[10]	-[10]	HR	Water		1962
	5	20.0	-[10]	-[10]	HR	Water		1962
	6	20.0	-[10]	-[10]	HR	Water		1962
	7	20.0	-[10]	-[10]	HR	Water		1962
	8	20.0	-[10]	-[10]	HR	Water		1962
	9	20.0	-[10]	-[10]	HR	Water		1962
Moses Niagara (Niagara)	1	150.0	-[10]	-[10]	HC	Water		1961
	10	150.0	-[10]	-[10]	HC	Water		1961
	11	150.0	-[10]	-[10]	HC	Water		1962

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
New York								
Power Authority of State of NY								
	12	150.0	-[10]	-[10]	HC	Water		1962
	13	150.0	-[10]	-[10]	HC	Water		1962
	2	150.0	-[10]	-[10]	HC	Water		1962
	3	150.0	-[10]	-[10]	HC	Water		1961
	4	150.0	-[10]	-[10]	HC	Water		1961
	5	150.0	-[10]	-[10]	HC	Water		1961
	6	150.0	-[10]	-[10]	HC	Water		1961
	7	150.0	-[10]	-[10]	HC	Water		1961
	8	150.0	-[10]	-[10]	HC	Water		1961
	9	150.0	-[10]	-[10]	HC	Water		1961
Moses Power Dam (St Lawrence)	17	57.0	800.0[2]	800.0[2]	HC	Water		1959
	18	57.0	-[2]	-[2]	HC	Water		1959
	19	57.0	-[2]	-[2]	HC	Water		1959
	20	57.0	-[2]	-[2]	HC	Water		1959
	21	57.0	-[2]	-[2]	HC	Water		1959
	22	57.0	-[2]	-[2]	HC	Water		1959
	23	57.0	-[2]	-[2]	HC	Water		1959
	24	57.0	-[2]	-[2]	HC	Water		1958
	25	57.0	-[2]	-[2]	HC	Water		1958
	26	57.0	-[2]	-[2]	HC	Water		1958
	27	57.0	-[2]	-[2]	HC	Water		1958
	28	57.0	[2]	-[2]	HC	Water		1958
	29	57.0	-[2]	-[2]	HC	Water		1958
	30	57.0	-[2]	-[2]	HC	Water		1958
	31	57.0	-[2]	-[2]	HC	Water		1958
	32	57.0	-[2]	-[2]	HC	Water		1958
Vischer Ferry (Saratoga)	1	2.8	2.5	2.5	HC	Water		1924
	2	2.8	2.5	2.5	HC	Water		1924
Rochester Gas & Electric Corp								
Ginna (Wayne)	1	517.1	470.0	470.0	NP	Uranium		1969
Mills Mills 172 (Allegany)	1	0.2	0.0	0.1	HC	Water		1925
Mt Morris 160 (Livingston)	1	0.3	0.0	0.2	HC	Water		1916
Rochester 2 (Monroe)	1	6.5	6.0	6.0	HC	Water		1960
Rochester 26 (Monroe)	1	3.0	2.0	2.0	HC	Water		1952
Rochester 3 (Monroe)	12	81.6	80.0	80.0	ST	BIT		1959
	13	19.0	14.0	18.0	GT	FO2		1969
Rochester 5 (Monroe)	HY1	11.3	11.0	13.0	HC	Water		1927
	HY3	15.8	17.0	17.0	HC	Water		1917
	2	11.3	11.0	13.0	HC	Water		1917
Rochester 7 (Monroe)	1	46.0	47.0	47.0	ST	BIT		1948
	2	62.5	65.0	65.0	ST	BIT		1950
	3	62.5	65.0	65.0	ST	BIT		1953
	4	81.6	80.0	80.0	ST	BIT		1957
Rochester 9 (Monroe)	2	19.0	15.0	16.0	GT	Nat Gas		1969
Wiscoy 170 (Allegany)	1	0.6	0.6	0.4	HC	Water		1921
	2	0.5	0.0	0.3	HC	Water		1921
Rockville Centre Village of								
Rockville (Nassau)	10	3.2	3.2	3.2	IC	FO2	Nat Gas	1954
	11	5.2	5.2	5.2	IC	FO2	Nat Gas	1962
	12	5.5	5.5	5.5	IC	FO2	Nat Gas	1967
	13	5.5	5.5	5.5	IC	FO2	Nat Gas	1974
	5	2.0	2.0	2.0	IC	FO2	Nat Gas	1933
	6	2.0	2.0	2.0	IC	FO2	Nat Gas	1937
	7	2.0	2.0	2.0	IC	FO2	Nat Gas	1942
	8	2.7	2.7	2.7	IC	FO2	Nat Gas	1950
	9	3.2	3.2	3.2	IC	FO2	Nat Gas	1954
Springville Village of								
Springville (Cattaraugus)	1	0.3	0.3	0.3	HC	Water		1925
	2	0.3	0.3	0.3	HC	Water		1924

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
New York								
Watertown City of								
City of Watertown (Jefferson)	1	1.8	1.8	1.8	HC	Water		1924
	2	1.8	1.8	1.8	HC	Water		1924
	3	1.8	1.8	1.8	HC	Water		1924
North Carolina								
Blue Ridge Elec Member Corp								
Sharp Falls (Ashe)	1	0.2	0.2	0.2	HC	Water		1931
Cape Hatteras Elec Member Corp								
Buxton (Dare)	2	1.2	0.8	0.9	IC	FO2		1963
	4	0.3	0.1	0.1	IC	FO2		1954
	5	0.5	0.3	0.3	IC	FO2		1954
	6	0.5	0.3	0.3	IC	FO2		1958
Carolina Power & Light Co								
Asheville (Buncombe)	1	206.6	198.0	200.0	ST	BIT		1964
	2	207.0	194.0	194.0	ST	BIT		1971
Blewett (Anson)	GT1	17.5	13.0	17.0	GT	FO2		1971
	GT2	17.5	13.0	17.0	GT	FO2		1971
	GT3	17.5	13.0	17.0	GT	FO2		1971
	GT4	17.5	13.0	17.0	GT	FO2		1971
	1	3.2	22.0[2]	25.0[2]	HC	Water		1911
	2	3.2	-[2]	-[2]	HC	Water		1911
	3	3.2	-[2]	-[2]	HC	Water		1911
	4	5.0	-[2]	-[2]	HC	Water		1911
	5	5.0	-[2]	-[2]	HC	Water		1911
	6	5.0	-[2]	-[2]	HC	Water		1911
Brunswick (Brunswick)	1*	866.7	790.0	790.0	NB	Uranium		1976
	2*	866.7	790.0	790.0	NB	Uranium		1975
Cape Fear (Chatham)	1	15.0	14.0	17.0	CW	WH		1923
	1A	18.0	14.0	18.0	CT	FO2		1969
	1B	18.0	14.0	18.0	CT	FO2		1969
	2	15.0	14.0	17.0	CW	WH		1924
	2A	18.0	14.0	18.0	CT	FO2		1969
	2B	18.0	14.0	18.0	CT	FO2		1969
	3	31.3	32.5	32.5	ST	BIT		1942
	4	31.3	32.5	32.5	ST	BIT		1943
	5	140.6	143.0	148.0	ST	BIT		1956
	6	187.9	173.0	175.0	ST	BIT		1958
Harris (Wake)	1*	951.0	860.0	860.0	NP	Uranium		1987
L V Sutton (New Hanover)	GTA	37.5	26.0	33.0	GT	FO2		1969
	GTB	37.5	25.0	33.0	GT	FO2		1969
	GT1	16.3	13.0	18.0	GT	FO2		1968
	1	112.5	97.0	105.0	ST	BIT		1954
	2	112.5	106.0	108.0	ST	BIT		1955
	3	446.6	410.0	416.0	ST	BIT		1972
Lee (Wayne)	GT1	16.3	14.0	18.0	GT	FO2		1968
	GT2	30.0	27.0	32.0	GT	FO2		1971
	GT3	30.0	25.0	32.0	GT	FO2		1971
	GT4	30.0	25.0	32.0	GT	FO2		1971
	1	75.0	79.0	84.0	ST	BIT		1952
	2	75.0	76.0	80.0	ST	BIT		1951
	3	252.5	252.0	257.0	ST	BIT		1962
Marshall (Madison)	HC1	2.5	5.0[2]	5.0[2]	HC	Water		1984
	HC2	2.5	-[2]	-[2]	HC	Water		1985
Mayo (Person)	1*	735.8	705.0	720.0	ST	BIT		1982
Morehead (Carteret)	GT1	16.3	15.0	18.0	GT	FO2		1967
Roxboro (Person)	GT1	16.3	15.0	18.0	GT	FO2		1968
	1	410.9	385.0	390.0	ST	BIT		1966
	2	657.0	670.0	675.0	ST	BIT		1968
	3	745.2	707.0	715.0	ST	BIT		1973
	4*	745.2	700.0	710.0	ST	BIT		1980
Tillery (Montgomery)	1	22.0	86.0[2]	86.0[2]	HC	Water		1928
	2	18.0	-[2]	-[2]	HC	Water		1928
	3	22.0	-[2]	-[2]	HC	Water		1928

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
North Carolina								
Carolina Power & Light Co								
	4	22.0	-[2]	-[2]	HC	Water		1960
W H Weatherspoon (Robeson)	GT1	39.7	35.0	42.0	GT	FO2		1970
	GT2	39.7	35.0	42.0	GT	FO2		1970
	GT3	48.6	34.0	42.0	GT	FO2		1971
	GT4	48.6	34.0	42.0	GT	FO2		1971
	1	46.0	49.0	49.0	ST	BIT		1949
	2	46.0	49.0	49.0	ST	BIT		1950
	3	73.5	78.0	79.0	ST	BIT		1952
Walters (Haywood)	1	36.0	105.0[2]	100.0[2]	HC	Water		1929
	2	36.0	-[2]	-[2]	HC	Water		1929
	3	36.0	-[2]	-[2]	HC	Water		1930
Cascade Power Co								
Brevard (Transylvania)	1	0.4	0.4	0.4	HC	Water		1922
	2	0.4	0.4	0.4	HC	Water		1931
Duke Power Co								
Belews Creek (Stokes)	1	1080.0	1120.0	1120.0	ST	BIT		1974
	2	1080.0	1120.0	1120.0	ST	BIT		1975
Bridgewater (Burke)	1	10.0	9.3	9.3	HC	Water		1919
	2	10.0	9.3	9.3	HC	Water		1919
Buck (Rowan)	3	80.0	70.0	70.0	ST	BIT		1941
	4	40.0	38.0	38.0	ST	BIT		1942
	5	125.0	128.0	128.0	ST	BIT		1953
	6	125.0	128.0	128.0	ST	BIT		1953
	7	34.9	31.0	31.0	GT	FO2	Nat Gas	1970
	8	34.9	31.0	31.0	GT	FO2	Nat Gas	1970
	9	34.9	31.0	31.0	GT	FO2	Nat Gas	1970
Cliffside (Cleveland)	1	40.0	38.0	38.0	ST	BIT		1940
	2	40.0	38.0	38.0	ST	BIT		1940
	3	65.0	61.0	61.0	ST	BIT		1948
	4	65.0	61.0	61.0	ST	BIT		1948
	5	570.9	562.0	562.0	ST	BIT		1972
Cowans Ford (Lincoln)	1	87.5	56.3	56.3	HC	Water		1963
	2	87.5	56.3	56.3	HC	Water		1963
	3	87.5	56.3	56.3	HC	Water		1963
	4	87.5	56.3	56.3	HC	Water		1967
Dan River (Rockingham)	1	70.0	67.0	67.0	ST	BIT		1949
	2	70.0	67.0	67.0	ST	BIT		1950
	3	150.0	142.0	142.0	ST	BIT		1955
	4	35.2	30.0	30.0	GT	FO2	Nat Gas	1968
	5	35.2	30.0	30.0	GT	FO2	Nat Gas	1968
	6	27.5	25.0	25.0	GT	FO2	Nat Gas	1969
G G Allen (Gaston)	1	165.0	150.0	150.0	ST	BIT		1957
	2	165.0	150.0	150.0	ST	BIT		1957
	3	275.0	265.0	265.0	ST	BIT		1959
	4	275.0	275.0	275.0	ST	BIT		1960
	5	275.0	270.0	270.0	ST	BIT		1961
Lookout Shoals (Iredell)	1	6.2	7.0	7.0	HC	Water		1915
	2	6.2	7.0	7.0	HC	Water		1915
	3	6.2	7.0	7.0	HC	Water		1915
Marshall (Catawba)	1	350.0	385.0	385.0	ST	BIT		1965
	2	350.0	385.0	385.0	ST	BIT		1966
	3	648.0	660.0	660.0	ST	BIT	FO2	1969
	4	648.0	660.0	660.0	ST	BIT	FO2	1970
McGuire (Mecklenburg)	1	1220.3	1129.0	1129.0	NP	Uranium		1981
	2	1220.3	1129.0	1129.0	NP	Uranium		1983
Mountain Island (Gaston)	1	15.0	13.4	13.4	HC	Water		1923
	2	15.0	13.4	13.4	HC	Water		1923
	3	15.0	13.4	13.4	HC	Water		1923
	4	15.0	13.4	13.4	HC	Water		1923
Oxford (Catawba)	1	18.0	18.2	18.2	HC	Water		1928
	2	18.0	18.2	18.2	HC	Water		1928
Rhodhiss (Caldwell)	1	8.5	8.9	8.9	HC	Water		1925
	2	8.5	8.9	8.9	HC	Water		1925
	3	8.5	8.9	8.9	HC	Water		1925

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
North Carolina								
Duke Power Co								
Riverbend (Gaston)	10	33.8	30.0	30.0	GT	FO2	Nat Gas	1969
	11	33.8	30.0	30.0	GT	FO2	Nat Gas	1969
	4	100.0	94.0	94.0	ST	BIT		1952
	5	100.0	94.0	94.0	ST	BIT		1952
	6	133.0	133.0	133.0	ST	BIT		1954
	7	133.0	133.0	133.0	ST	BIT		1954
	8	33.8	30.0	30.0	GT	FO2	Nat Gas	1969
	9	33.8	30.0	30.0	GT	FO2	Nat Gas	1969
Spencer Mountain (Gaston)	1	0.3	0.0	0.0	HC	Water		1905
	2	0.3	0.0	0.0	HC	Water		1905
Stice Shoals (Cleveland)	1	0.4	0.1	0.1	HC	Water		1901
	2	0.3	0.1	0.1	HC	Water		1901
Turner Shoals (Polk)	1	2.8	1.4	1.4	HC	Water		1925
	2	2.8	1.4	1.4	HC	Water		1925
Tuxedo (Henderson)	1	2.5	1.5	1.5	HC	Water		1920
	2	2.5	1.5	1.5	HC	Water		1920
Fayetteville Public Works Comm								
Warner Generation Pl (Cumberland)	1	28.8	22.2	26.5	GT	Nat Gas	FO2	1976
	2	28.8	22.3	26.6	GT	Nat Gas	FO2	1976
	3	28.8	22.1	26.4	GT	Nat Gas	FO2	1976
	4	28.8	22.2	26.5	GT	Nat Gas	FO2	1976
	5	28.8	22.3	26.6	GT	Nat Gas	FO2	1977
	6	28.8	21.9	26.1	GT	Nat Gas	FO2	1978
	7	28.8	22.4	26.7	GT	Nat Gas	FO2	1979
	8	28.8	22.4	26.7	GT	Nat Gas	FO2	1980
	9	59.4	50.0	54.2	CW	WH		1988
Lake Lure Town of								
Lake Lure (Rutherford)	1	1.2	1.2	1.2	HC	Water		1927
	2	2.4	2.4	2.4	HC	Water		1927
Nantahala Power & Light Co								
Bear Creek (Jackson)	1	9.0	9.2	9.2	HC	Water		1953
Bryson (Swain)	1	0.5	0.5	0.5	HC	Water		1925
	2	0.5	0.6	0.6	HC	Water		1929
Cedar Cliff (Jackson)	1	6.4	6.6	6.6	HC	Water		1952
Dillsboro (Jackson)	1	0.2	0.2	0.2	HC	Water		1931
	2	0.1	0.0	0.0	HC	Water		1931
Franklin (Macon)	1	0.5	0.6	0.6	HC	Water		1925
	2	0.5	0.6	0.6	HC	Water		1925
Mission (Clay)	1	0.6	0.7	0.7	HC	Water		1924
	2	0.6	0.7	0.7	HC	Water		1924
	3	0.6	0.8	0.8	HC	Water		1942
Nantahala (Macon)	1	43.2	46.0	46.0	HC	Water		1942
Queens Creek (Macon)	1	1.4	1.5	1.5	HC	Water		1948
Tennessee Creek (Jackson)	1	10.8	9.2	9.2	HC	Water		1955
Thorpe (Jackson)	1	21.6	22.0	22.0	HC	Water		1941
Tuckasegee (Jackson)	1	3.0	3.0	3.0	HC	Water		1950
Tapoco Inc								
Cheoah (Graham)	1	20.0	20.0	20.0	HC	Water		1919
	2	20.0	20.0	20.0	HC	Water		1919
	3	20.0	20.0	20.0	HC	Water		1919
	4	20.0	20.0	20.0	HC	Water		1925
	5	30.0	32.4	30.6	HC	Water		1949
Santeetlah (Graham)	1	22.5	21.0	19.5	HC	Water		1928
	2	22.5	21.0	19.5	HC	Water		1928
Tennessee Valley Authority								
Apalachia (Polk)	1	41.4	38.0	36.0	HC	Water		1943
	2	41.4	38.0	36.0	HC	Water		1943
Chatuge (Clay)	1	10.0	10.0	5.0	HC	Water		1954
Fontana (Swain)	1	81.0	71.0	52.0	HC	Water		1944
	2	76.5	79.0	58.0	HC	Water		1944
	3	81.0	85.0	62.0	HC	Water		1953

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
North Carolina								
Tennessee Valley Authority								
Hiwassee (Cherokee)	1	57.6	67.0	47.0	HC	Water		1940
	2	59.5	68.0	48.0	HR	Water		1956
Nottely (Union)	1	15.0	17.0	9.0	HC	Water		1955
Tideland Electric Member Corp								
Ocracoke (Hyde)	IC1	1.2	1.2	1.2	IC	FO1		1979
Virginia Electric & Power Co								
Gaston (Halifax)	1	44.5	56.0	56.0	HC	Water		1962
	2	44.5	56.0	56.0	HC	Water		1962
	3	44.5	56.0	56.0	HC	Water		1962
	4	44.5	57.0	57.0	HC	Water		1962
Kitty Hawk (Dare)	GT1	23.8	22.0	28.0	GT	FO2		1971
	GT2	23.8	22.0	28.0	GT	FO2		1971
Roanoke Rapids (Halifax)	1	25.0	26.0	26.0	HC	Water		1955
	2	25.0	26.0	26.0	HC	Water		1955
	3	25.0	26.0	26.0	HC	Water		1955
	4	25.0	26.0	26.0	HC	Water		1955
Yadkin Inc								
Falls (Stanly)	1	9.0	9.0	9.0	HC	Water		1921
	2	11.3	10.5	10.5	HC	Water		1919
	3	11.3	10.5	10.5	HC	Water		1919
High Rock (Davidson)	1	11.0	11.0	9.0	HC	Water		1927
	2	11.0	11.0	9.0	HC	Water		1927
	3	11.0	11.0	9.0	HC	Water		1927
Narrows (Montgomery)	1	24.3	24.0	24.0	HC	Water		1917
	2	24.3	24.0	24.0	HC	Water		1917
	3	24.0	24.0	24.0	HC	Water		1917
	4	24.0	24.0	24.0	HC	Water		1924
Tuckertown (Montgomery)	1	14.0	13.0	13.0	HC	Water		1962
	2	14.0	13.0	13.0	HC	Water		1962
	3	14.0	13.0	13.0	HC	Water		1962

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
North Dakota								
Basin Electric Power Coop								
Antelope Valley (Mercer)	1	438.0	450.0	450.0	ST	LIG		1983
	2	438.0	450.0	450.0	ST	LIG		1985
Leland Olds (Mercer)	1	216.0	210.0	210.0	ST	LIG		1965
	2	440.0	440.0	440.0	ST	LIG		1975
William J Neal (McHenry)	1	25.0	47.0[2]	47.0[2]	ST	LIG	Refuse	1952
	2	25.0	-[2]	-[2]	ST	LIG	Refuse	1952
Coop Power Assn								
Coal Creek (McLean)	1*	506.0	465.5	465.5	ST	LIG		1979
	2*	506.0	465.5	465.5	ST	LIG		1981
Grafton City of								
Grafton (Walsh)	1	0.6	0.6	0.6	IC	FO2		1937
	2	0.8	0.8	0.8	IC	FO2		1949
	3	1.3	1.3	1.3	IC	FO2		1956
	4	1.3	1.3	1.3	IC	FO2		1956
Minnkota Power Coop Inc								
Grand Forks (Grand Forks)	1	0.7	0.7	0.7	IC	FO2		1941
	10	1.1	1.1	1.1	IC	FO2		1949
	11	1.1	1.1	1.1	IC	FO2		1949
	2	0.7	0.7	0.7	IC	FO2		1941
	3	0.7	0.7	0.7	IC	FO2		1941
	4	1.0	1.0	1.0	IC	FO2		1946
	5	1.0	1.0	1.0	IC	FO2		1946
	6	1.0	1.0	1.0	IC	FO2		1946
	7	1.1	1.1	1.1	IC	FO2		1949
	8	1.1	1.1	1.1	IC	FO2		1949
Harwood (Cass)	1	1.6	1.4	1.4	IC	FO2		1947
	2	1.6	1.4	1.4	IC	FO2		1947
	3	1.6	1.4	1.4	IC	FO2		1947
Lerfald (Grand Forks)	1	35.0	27.5	35.0	GT	FO2		1978
Milton R Young (Oliver)	1	257.0	240.0	240.0	ST	LIG	FO2	1970
	2*	477.0	408.0	408.0	ST	LIG	FO2	1977
Montana-Dakota Utilities Co								
Coyote (Mercer)	1*	450.0	421.0	427.0	ST	LIG	FO2	1981
R M Heskett (Morton)	1	25.0	28.0	28.0	ST	LIG	Nat Gas	1954
	2	75.0	74.0	74.0	ST	LIG	Nat Gas	1963
Williston (Williams)	2	4.0	5.0	5.0	GT	Nat Gas	FO2	1953
	3	4.0	5.0	5.0	GT	Nat Gas	FO2	1953
Nodak Rural Electric Coop Inc								
Mobile (Grand Forks)	2	0.4	0.4	0.4	IC	FO2		1959
	3	0.3	0.3	0.3	IC	FO2		1964
	4	0.1	0.1	0.1	IC	FO2		1977
Northwood City of								
Northwood (Grand Forks)	1	1.1	1.1	1.1	IC	FO2		1957
	2	0.7	0.7	0.7	IC	FO2		1952
Otter Tail Power Co								
Jamestown (Stutsman)	1	24.1	21.0	29.4	GT	FO2		1976
	2	24.1	21.0	29.4	GT	FO2		1978
Portable 148 (Stutsman)	1	0.4	0.4	0.4	IC	FO2		1965
Park River City of								
Park River (Walsh)	1	0.7	0.8	0.8	IC	FO2		1938
United Power Assn								
Stanton (Mercer)	1	172.0	177.0	177.0	ST	LIG		1966
USCE-Missouri River District								
Garrison (Mercer)	1	109.0	109.0	109.0	HC	Water		1956
	2	109.0	109.0	109.0	HC	Water		1956
	3	109.0	109.0	109.0	HC	Water		1956

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
North Dakota								
USCE-Missouri River District								
	4	95.0	109.0	109.0	HC	Water		1959
	5	95.0	109.0	109.0	HC	Water		1960
Valley City City of								
Valley City (Barnes)	IC1	1.4	1.4	1.4	IC	FO2		1962
	IC2	1.4	1.4	1.4	IC	FO2		1962
Ohio								
Arcanum City of								
Arcanum (Darke)	1	0.8	0.7	0.8	IC	FO2		1951
	2	0.6	0.5	0.6	IC	FO2		1946
Bryan City of								
Bryan (Williams)	1	15.8	14.0	19.0	GT	Nat Gas	FO2	1970
	2	16.0	14.0	19.0	GT	Nat Gas		1988
	5	2.5	2.5	2.5	IC	FO2		1948
	6	5.0	4.0	6.0	GT	Nat Gas	FO2	1963
Cardinal Operating Co								
Cardinal (Jefferson)	1*	615.2	585.0	600.0	ST	BIT		1966
	2*	615.2	585.0	600.0	ST	BIT		1967
	3*	650.0	630.0	630.0	ST	BIT		1977
Cincinnati Gas & Electric Co								
Dicks Creek (Butler)	1	120.3	92.0	110.0	GT	Nat Gas	FO2	1965
	3	15.3	14.2	19.5	GT	Nat Gas	FO2	1969
	4	20.0	15.0	21.4	GT	FO2		1969
	5	20.0	15.0	21.4	GT	FO2		1969
Miami Fort (Hamilton)	GT1	53.1	48.0	64.5	GT	FO2		1971
	GT2	53.1	48.0	64.5	GT	FO2		1971
	GT3	15.3	14.2	19.5	GT	FO2		1971
	GT4	15.3	14.2	19.5	GT	FO2		1971
	GT5	15.3	14.2	19.5	GT	FO2		1971
	GT6	15.3	14.2	19.5	GT	FO2		1971
	5	100.0	80.0	80.0	ST	BIT		1949
	6	163.2	163.0	163.0	ST	BIT		1960
	7*	557.1	500.0	500.0	ST	BIT		1975
	8*	557.7	500.0	500.0	ST	BIT		1977
Walter C Beckjord (Clermont)	GT1	48.6	46.6	61.2	GT	FO2		1972
	GT2	48.6	46.6	61.2	GT	FO2		1972
	GT3	48.6	46.6	61.2	GT	FO2		1972
	GT4	48.6	46.6	61.2	GT	FO2		1972
	1	115.0	94.0	94.0	ST	BIT		1952
	2	112.5	94.0	94.0	ST	BIT		1953
	3	125.0	128.0	128.0	ST	BIT		1954
	4	163.2	150.0	150.0	ST	BIT		1958
	5	244.8	238.0	238.0	ST	BIT		1962
	6*	460.8	414.0	420.0	ST	BIT		1969
Cleveland City of								
Collinwood (Cuyahoga)	3	16.0	16.0	18.0	GT	Nat Gas	FO2	1971
Lake Road (Cuyahoga)	10	25.0	25.0	25.0	ST	BIT		1953
	11	85.0	85.0	85.0	ST	BIT		1967
	8	25.0	25.0	25.0	ST	BIT		1941
	9	25.0	25.0	25.0	ST	BIT		1953
West 41st Street (Cuyahoga)	1	16.0	16.0	18.0	GT	Nat Gas	FO2	1970
	2	16.0	16.0	16.0	GT	Nat Gas	FO2	1970
Cleveland Electric Ilium Co								
Ashtabula (Ashtabula)	5	256.0	243.0	244.0	ST	BIT		1958
	6	46.0	43.0	44.0	ST	BIT		1972
	7	46.0	43.0	44.0	ST	BIT		1972
	8	46.0	43.0	44.0	ST	BIT		1972
	9	46.0	43.0	44.0	ST	BIT		1972
Avon Lake (Lorain)	10	32.0	29.0	35.0	GT	FO2		1973
	6	86.0	95.0	96.0	ST	BIT		1949

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Ohio								
Cleveland Electric Illum Co								
	7	86.0	95.0	96.0	ST	BIT		1949
	9	680.0	580.0	580.0	ST	BIT		1970
Eastlake (Lake)	1	123.0	129.0	132.0	ST	BIT		1953
	2	123.0	129.0	132.0	ST	BIT		1953
	3	123.0	129.0	132.0	ST	BIT		1954
	4	208.0	238.0	240.0	ST	BIT		1956
	5*	680.0	646.0	648.0	ST	BIT		1972
	6	32.0	29.0	35.0	GT	FO2		1973
Lake Shore (Cuyahoga)	IC1	4.0	4.0	4.0	IC	FO2		1966
	14	60.0	54.0	54.0	ST	FO6		1941
	15	60.0	53.0	53.0	ST	FO6		1942
	16	69.0	66.0	66.0	ST	FO6		1951
	17	69.0	70.0	70.0	ST	FO6		1951
	18	256.0	243.0	245.0	ST	BIT		1962
Perry (Lake)	1*	1253.0	1185.0	1205.0	NB	Uranium		1986
Columbus City of								
Refuse & Coal (Franklin)	1	30.0	30.0	30.0	ST	Refuse	BIT	1983
	2	30.0	30.0	30.0	ST	Refuse	BIT	1983
	3	30.0	30.0	30.0	ST	Refuse	BIT	1983
Columbus Southern Power Co								
Conesville (Coshocton)	1	148.0	115.0	125.0	ST	BIT		1959
	2	136.0	115.0	125.0	ST	BIT		1957
	3	161.5	161.0	165.0	ST	BIT		1962
	4*	841.5	720.0	720.0	ST	BIT		1973
	5	444.0	375.0	375.0	ST	BIT		1976
	6	444.0	375.0	375.0	ST	BIT		1978
Picway (Pickaway)	5	106.3	95.0	100.0	ST	BIT		1955
Dayton Power & Light Co								
Frank M Tait (Montgomery)	IC1	2.8	2.5	2.5	IC	FO2		1967
	IC2	2.8	2.5	2.5	IC	FO2		1967
	IC3	2.8	2.5	2.5	IC	FO2		1967
	IC4	2.8	2.5	2.5	IC	FO2		1967
J M Stuart (Adams)	IC1*	2.8	2.8	2.8	IC	FO2		1969
	IC2*	2.8	2.8	2.8	IC	FO2		1969
	IC3*	2.8	2.8	2.8	IC	FO2		1969
	IC4*	2.8	2.8	2.8	IC	FO2		1969
	1*	610.2	585.0	585.0	ST	BIT		1971
	2*	610.2	585.0	585.0	ST	BIT		1970
	3*	610.2	585.0	585.0	ST	BIT		1972
	4*	610.2	585.0	585.0	ST	BIT		1974
Killen Station (Adams)	2*	666.4	600.0	600.0	ST	BIT		1982
Monument (Montgomery)	1	2.8	2.5	2.5	IC	FO2		1968
	2	2.8	2.5	2.5	IC	FO2		1968
	3	2.8	2.5	2.5	IC	FO2		1968
	4	2.8	2.5	2.5	IC	FO2		1968
	5	2.8	2.5	2.5	IC	FO2		1968
O H Hutchings (Montgomery)	1	69.0	58.0	59.0	ST	BIT	Nat Gas	1948
	2	69.0	55.0	56.0	ST	BIT	Nat Gas	1949
	3	69.0	63.0	64.0	ST	BIT	Nat Gas	1950
	4	69.0	63.0	64.0	ST	BIT	Nat Gas	1951
	5	69.0	63.0	64.0	ST	BIT	Nat Gas	1952
	6	69.0	63.0	64.0	ST	BIT	Nat Gas	1953
	7	32.6	26.0	32.0	GT	FO2	Nat Gas	1968
Sidney (Shelby)	1	2.8	2.5	2.5	IC	FO2		1968
	2	2.8	2.5	2.5	IC	FO2		1968
	3	2.8	2.5	2.5	IC	FO2		1968
	4	2.8	2.5	2.5	IC	FO2		1968
	5	2.8	2.5	2.5	IC	FO2		1968
Yankee Street (Montgomery)	1	18.6	21.0	24.0	GT	Nat Gas	FO2	1969
	2	18.6	21.0	24.0	GT	Nat Gas	FO2	1969
	3	18.6	21.0	24.0	GT	Nat Gas	FO2	1969
	4	17.6	15.0	18.0	GT	Nat Gas	FO2	1970
	5	17.6	15.0	18.0	GT	Nat Gas	FO2	1970

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Ohio								
Dayton Power & Light Co								
	6	17.6	15.0	18.0	GT	Nat Gas	FO2	1970
	7	17.6	15.0	18.0	GT	Nat Gas	FO2	1970
Dover City of								
Dover (Tuscarawas)	1	2.0	2.0	2.0	ST	BIT		1936
	2	4.0	4.0	4.0	ST	BIT		1944
	3	7.5	7.5	7.5	ST	BIT		1954
	4	19.5	15.0	15.0	ST	BIT		1968
	5	2.7	2.7	2.7	IC	FO2		1966
Hamilton City of								
Greenup Hydro (Scioto)	1	23.4	23.4	23.4	HC	Water		1982
	2	23.4	23.4	23.4	HC	Water		1982
	3	23.4	23.4	23.4	HC	Water		1982
Hamilton (Butler)	GT1	11.2	10.0	10.0	GT	Nat Gas	FO2	1964
	GT2	16.3	14.0	16.0	GT	Nat Gas	FO2	1971
Hamilton (Butler)	1	0.8	0.8	0.8	HC	Water		1919
	2	0.8	0.8	0.8	HC	Water		1919
Hamilton (Butler)	5	10.0	9.0	10.0	ST	BIT	FO2	1954
	7	25.0	17.0	19.0	ST	Nat Gas	FO2	1960
	8	25.0	23.0	25.0	ST	BIT		1965
	9	50.6	49.0	52.0	ST	BIT	Nat Gas	1975
Lebanon City of								
Lebanon (Warren)	1	0.7	0.5	0.5	IC	Nat Gas	FO2	1940
	3	1.2	1.2	1.2	IC	Nat Gas	FO2	1949
	4	1.2	1.2	1.2	IC	Nat Gas	FO2	1950
	5	2.0	2.0	2.0	IC	Nat Gas	FO2	1955
	6	3.0	2.5	2.5	IC	Nat Gas	FO2	1961
	7	6.0	6.0	6.0	GT	Nat Gas	FO2	1966
	8	5.6	5.0	5.0	IC	Nat Gas	FO2	1970
	9	17.0	15.7	15.7	GT	FO2		1986
Oberlin City of								
Oberlin (Lorain)	1	1.1	1.0	1.0	IC	FO2		1948
	3	0.6	0.5	0.5	IC	FO2		1934
	5	2.0	1.8	1.8	IC	FO2		1951
	6	2.5	2.5	2.5	IC	Nat Gas	FO2	1958
	7	2.7	2.7	2.7	IC	Nat Gas	FO2	1961
	8	3.0	2.6	3.0	IC	Nat Gas	FO2	1966
Ohio Edison Co								
Edgewater (Lorain)	CTA*	29.1	19.0	24.0	GT	FO2		1973
	CTB*	29.1	19.0	24.0	GT	FO2		1973
	2	25.0	5.0	5.0	ST	BIT		1923
	3	62.9	62.0	62.0	ST	BIT		1949
	4	105.0	103.0	104.0	ST	BIT		1957
Gorge (Summit)	6	43.8	20.0	34.0	ST	BIT		1943
	7	43.8	28.0	48.0	ST	BIT		1948
Mad River (Clark)	CTA*	35.0	25.0	30.0	ST	FO2		1972
	CTB*	35.0	25.0	30.0	GT	FO2		1972
	2	25.0	25.0	25.0	ST	BIT		1938
	3	25.0	24.0	24.0	ST	BIT		1949
Niles (Mahoning)	CTA*	35.0	25.0	30.0	GT	FO2		1972
	1	125.0	68.0	108.0	ST	BIT		1953
	2	125.0	68.0	108.0	ST	BIT		1954
R E Burger (Belmont)	A1*	2.5	2.3	2.3	IC	FO2		1972
	B1*	2.5	2.3	2.3	IC	FO2		1972
	B2*	2.5	2.3	2.3	IC	FO2		1972
	1	62.5	56.0	56.0	ST	BIT		1944
	2	62.5	56.0	56.0	ST	BIT		1947
	3	100.0	94.0	94.0	ST	BIT		1950
	4	159.5	152.0	156.0	ST	BIT		1955
	5	159.5	152.0	156.0	ST	BIT		1955
Toronto (Jefferson)	5	43.8	40.0	42.0	ST	BIT		1940
	6	66.0	64.0	65.0	ST	BIT		1949

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Ohio								
Ohio Edison Co								
	7	66.0	64.0	65.0	ST	BIT		1949
W H Sammis (Jefferson)	A1*	2.5	2.6	2.6	IC	FO2		1972
	B1*	2.5	2.6	2.6	IC	FO2		1972
	B2*	2.5	2.6	2.6	IC	FO2		1972
	B3*	2.5	2.6	2.6	IC	FO2		1972
	B4*	2.5	2.6	2.6	IC	FO2		1972
	1	185.0	180.0	180.0	ST	BIT		1959
	2	185.0	180.0	180.0	ST	BIT		1960
	3	185.0	180.0	180.0	ST	BIT		1961
	4	185.0	180.0	180.0	ST	BIT		1962
	5	317.5	300.0	300.0	ST	BIT		1967
	6	623.0	600.0	600.0	ST	BIT		1969
	7*	623.0	600.0	600.0	ST	BIT		1971
West Lorain (Lorain)	1A*	70.0	51.0	60.0	CT	FO2		1983
	1B*	69.0	51.0	60.0	CT	FO2		1973
	1C*	96.0	64.0	70.0	CA	WH	FO2	1974
Ohio Power Co								
Gen J M Gavin (Gallia)	1	1300.0	1300.0	1300.0	ST	BIT		1974
	2	1300.0	1300.0	1300.0	ST	BIT		1975
Muskingum River (Morgan)	1	219.7	190.0	205.0	ST	BIT		1953
	2	219.7	190.0	205.0	ST	BIT		1954
	3	237.5	205.0	215.0	ST	BIT		1957
	4	237.5	205.0	215.0	ST	BIT		1958
	5	615.2	575.0	585.0	ST	BIT		1968
Racine (Meigs)	1	23.8	48.0[2]	48.0[2]	HC	Water		1983
	2	23.8	-[2]	-[2]	HC	Water		1982
Ohio Valley Electric Corp								
Kyger Creek (Gallia)	1	217.3	220.0	226.0	ST	BIT		1955
	2	217.3	198.0	205.7	ST	BIT		1955
	3	217.3	203.0	210.7	ST	BIT		1955
	4	217.3	205.0	212.7	ST	BIT		1955
	5	217.3	209.0	216.7	ST	BIT		1955
Orrville City of								
Orrville (Wayne)	ST11	25.0	31.3	31.3	ST	BIT	Nat Gas	1971
	10	25.0	31.3	31.3	ST	BIT	Nat Gas	1971
	7	5.0	7.0	7.0	ST	BIT	Nat Gas	1949
	8	7.5	10.0	10.0	ST	BIT	Nat Gas	1955
	9	22.0	22.0	22.0	ST	BIT	Nat Gas	1961
Painesville City of								
Painesville (Lake)	ST2	7.5	8.3	8.3	ST	BIT		1933
	3	7.5	8.3	8.3	ST	BIT		1953
	5	17.5	19.3	19.3	ST	BIT		1965
	6	25.0	27.5	27.5	ST	BIT	FO2	1975
Piqua City of								
Piqua (Miami)	10	0.8	0.8	0.8	ST	BIT	FO2	1987
	4	7.5	7.5	7.5	ST	BIT	FO2	1947
	6	12.5	12.5	12.5	ST	BIT	FO2	1951
	7	20.0	23.0	23.0	ST	BIT	FO2	1961
	8	20.0	18.0	20.0	GT	FO2		1972
	9	4.0	4.0	4.0	ST	BIT	FO2	1947
Shelby City of								
Shelby Munic Lgt Plt (Richland)	IC1	3.0	3.3	3.3	IC	FO2		1963
	1	12.5	12.5	11.5	ST	BIT		1967
	2	12.5	12.5	11.5	ST	BIT		1973
	3	5.0	5.0	5.1	ST	BIT		1948
	4	7.5	6.5	6.5	ST	BIT		1954

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Ohio								
St Marys City of St Marys (Auglaize)	AUX	0.8	0.5	0.7	GT	FO2		1967
	4	2.5	2.0	2.5	ST	BIT		1946
	5	6.0	5.0	6.0	ST	BIT		1983
	6	10.0	9.0	9.3	ST	BIT	FO2	1967
Toledo Edison Co Acme (Lucas)	TOPR	6.0	7.0	7.0	ST	BIT		1973
	1	25.0	25.0	25.0	ST	BIT		1937
	2	72.0	75.0	75.0	ST	BIT		1951
	4	35.0	45.0	45.0	ST	BIT		1929
	5	57.0	72.0	72.0	ST	BIT		1941
	6	112.5	108.0	108.0	ST	BIT		1949
Bay Shore (Lucas)	GT1	16.0	16.0	17.0	GT	FO2		1967
	1	140.6	132.0	136.0	ST	BIT		1955
	2	140.6	134.0	138.0	ST	BIT		1959
	3	140.6	142.0	142.0	ST	BIT		1963
	4	217.6	213.0	215.0	ST	BIT		1968
Davis-Besse (Ottawa)	1*	962.0	856.0	866.0	NP	Uranium		1977
Richland (Defiance)	1	15.0	11.0	14.0	GT	FO2		1965
	2	15.0	11.0	14.0	GT	Nat Gas	FO2	1966
	3	15.0	11.0	14.0	GT	Nat Gas	FO2	1966
Stryker (Williams)	1	19.0	17.0	18.0	GT	FO2		1968
Woodsfield City of Anadarko (Monroe)	1	0.3	0.2	0.2	IC	FO2	Nat Gas	1946
	10	1.2	1.2	1.2	IC	FO2	Nat Gas	1986
	11	1.2	1.2	1.2	IC	FO2	Nat Gas	1986
	12	0.2	0.2	0.2	IC	FO2	Nat Gas	1947
	6	0.6	0.6	0.6	IC	FO2	Nat Gas	1949
	7	1.3	1.3	1.3	IC	FO2	Nat Gas	1957
	8	1.5	1.5	1.5	IC	FO2	Nat Gas	1965
	9	2.2	2.2	2.2	IC	FO2	Nat Gas	1971
Oklahoma								
Cushing City of Cushing (Payne)	1	2.5	1.9	1.9	IC	FO2	Nat Gas	1956
	10	4.5	3.5	3.5	IC	FO2	Nat Gas	1972
	11	6.3	5.8	5.8	IC	FO2	Nat Gas	1988
	2	1.0	0.8	0.8	IC	FO2	Nat Gas	1949
	3	0.5	0.4	0.4	IC	FO2	Nat Gas	1936
	4	0.5	0.4	0.4	IC	FO2	Nat Gas	1936
	5	0.5	0.4	0.4	IC	FO2	Nat Gas	1936
	6	0.8	0.6	0.6	IC	FO2	Nat Gas	1939
	7	2.5	1.9	1.9	IC	FO2	Nat Gas	1956
	8	2.5	1.9	1.9	IC	FO2	Nat Gas	1956
	9	3.0	2.3	2.3	IC	FO2	Nat Gas	1965
Fairview City of Fairview (Major)	1	0.1	0.1	0.1	IC	FO2		1924
	2	0.5	0.4	0.4	IC	FO2		1926
	4	0.8	0.7	0.7	IC	FO2		1948
	5	1.0	0.9	0.9	IC	FO2	Nat Gas	1954
Grand River Dam Authority GRDA (Mayes)	1	490.0	490.0	490.0	ST	BIT		1981
	2*	520.0	520.0	520.0	ST	BIT		1986
Markham (Mayes)	1	27.0	28.5	28.5	HC	Water		1964
	2	27.0	28.5	28.5	HC	Water		1964
	3	27.0	28.5	28.5	HC	Water		1964
	4	27.0	28.5	28.5	HC	Water		1964
Pensacola (Mayes)	A	0.5	0.5	0.5	HC	Water		1940
	1	14.3	15.0	15.0	HC	Water		1940
	2	14.3	15.0	15.0	HC	Water		1940
	3	14.3	15.0	15.0	HC	Water		1940
	4	14.3	15.0	15.0	HC	Water		1940

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Oklahoma								
Grand River Dam Authority								
	5	14.3	15.0	15.0	HC	Water		1946
	6	14.3	15.0	15.0	HC	Water		1952
Salina (Mayes)	1	43.3	43.3	43.3	HR	Water		1968
	2	43.3	43.3	43.3	HR	Water		1968
	3	43.3	43.3	43.3	HR	Water		1968
	4	43.3	43.3	43.3	HR	Water		1971
	5	43.3	43.3	43.3	HR	Water		1971
	6	43.3	43.3	43.3	HR	Water		1971
Kingfisher City of								
Kingfisher (Kingfisher)	IC1	1.3	1.3	1.3	IC	Nat Gas	FO2	1954
	IC2	0.6	0.6	0.6	IC	Nat Gas	FO2	1954
	3	2.8	2.8	2.8	IC	Nat Gas	FO2	1965
	4	1.3	1.3	1.3	IC	Nat Gas	FO2	1959
	5	3.1	3.1	3.1	IC	Nat Gas	FO2	1970
Lindsay City of								
Lindsay (Garvin)	1	1.1	0.9	1.0	IC	Nat Gas	FO2	1951
	10	2.0	1.6	1.8	IC	Nat Gas	FO2	1980
	2	1.0	0.8	0.9	IC	Nat Gas	FO2	1954
	4	1.3	1.0	1.1	IC	Nat Gas	FO2	1981
	5	1.1	0.9	1.0	IC	Nat Gas	FO2	1958
	6	1.4	1.1	1.1	IC	Nat Gas	FO2	1963
	7	1.5	1.2	1.6	IC	Nat Gas	FO2	1967
	8	3.1	2.5	2.8	IC	Nat Gas	FO2	1970
	9	2.0	1.6	1.8	IC	Nat Gas	FO2	1980
Mangum City of								
Mangum (Greer)	1	1.1	0.9	1.1	IC	Nat Gas	FO2	1945
	2	0.6	0.5	0.6	IC	Nat Gas	FO2	1939
	3	0.4	0.3	0.4	IC	Nat Gas	FO2	1929
	4	1.5	1.4	1.6	IC	Nat Gas	FO2	1956
	5	2.0	1.8	2.0	IC	Nat Gas	FO2	1963
	6	2.1	1.8	2.1	IC	Nat Gas	FO2	1969
Oklahoma Gas & Electric Co								
Arbuckle (Murray)	1	73.5	70.5	72.0	ST	Nat Gas	FO2	1953
Enid (Garfield)	1	15.0	12.0	12.0	GT	Nat Gas		1965
	2	15.0	12.0	12.0	GT	Nat Gas		1965
	3	15.0	12.0	12.0	GT	Nat Gas		1965
	4	15.0	12.0	12.0	GT	Nat Gas		1965
Horseshoe Lake (Oklahoma)	GT7	27.2	20.0	20.0	CT	Nat Gas	FO2	1963
	ST7	219.7	218.5	218.5	CA	Nat Gas	FO6	1963
	6	163.2	178.0	178.0	ST	Nat Gas	FO6	1958
	8	442.8	412.0	412.0	ST	Nat Gas	FO6	1969
Muskogee (Muskogee)	3	173.4	184.0	184.0	ST	Nat Gas	FO6	1956
	4	572.4	500.0	500.0	ST	SUB		1977
	5	572.4	500.0	500.0	ST	SUB		1978
	6	572.4	515.0	515.0	ST	SUB		1984
Mustang (Canadian)	1	81.5	58.0	58.0	ST	Nat Gas		1950
	2	62.5	57.0	57.0	ST	Nat Gas		1951
	3	133.4	122.0	122.0	ST	Nat Gas	FO2	1955
	4	252.8	260.0	260.0	ST	Nat Gas	FO2	1959
	5A	41.9	32.0	32.0	GT	Nat Gas	FO2	1971
	5B	41.9	32.0	32.0	GT	Nat Gas	FO2	1971
Seminole (Seminole)	GT1	23.6	19.0	19.0	GT	Nat Gas	FO2	1971
	1	567.0	530.0	530.0	ST	Nat Gas	FO2	1970
	2	567.0	507.0	507.0	ST	Nat Gas	FO2	1972
	3	567.0	500.0	500.0	ST	Nat Gas	FO6	1975
Sooner (Noble)	1	568.8	500.0	500.0	ST	SUB		1979
	2	568.8	500.0	500.0	ST	SUB		1980
Woodward (Woodward)	GT1	11.5	10.8	10.8	GT	Nat Gas	FO2	1963

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Oklahoma								
Pawhuska City of								
Pawhuska (Osage)	1	1.4	1.1	1.1	IC	FO2	Nat Gas	1949
	2	2.0	1.7	1.7	IC	FO2	Nat Gas	1954
	3	3.1	2.5	2.5	IC	FO2	Nat Gas	1966
	5	2.5	1.8	1.8	IC	FO2	Nat Gas	1960
Ponca City City of								
Ponca (Kay)	1	20.2	15.9	15.9	ST	Nat Gas		1966
	2	48.0	37.3	37.3	ST	Nat Gas		1977
Ponca Diesel (Kay)	1	7.0	4.3	4.3	IC	Nat Gas	FO2	1961
	10	2.5	1.9	1.9	IC	FO2		1964
	11	2.5	1.9	1.9	IC	FO2		1964
	4	2.8	1.9	1.9	IC	Nat Gas	FO2	1949
	5	1.5	1.0	1.0	IC	Nat Gas	FO2	1937
	6	1.7	1.1	1.1	IC	Nat Gas	FO2	1946
	7	3.3	2.6	2.6	IC	Nat Gas	FO2	1952
	8	4.0	3.1	3.1	IC	Nat Gas	FO2	1954
	9	7.0	5.7	5.7	IC	Nat Gas	FO2	1956
Public Service Co of Oklahoma								
Comanche (Comanche)	1G1	85.0	75.0	75.0	CT	Nat Gas	FO2	1973
	1G2	85.0	75.0	75.0	CT	Nat Gas	FO2	1973
	1S	120.0	110.0	110.0	CW	WH		1974
Northeastern (Rogers)	IC1	4.3	4.3	4.3	IC	FO2		1980
	1	170.0	160.0	160.0	ST	Nat Gas	FO2	1961
	2	472.5	470.0	470.0	ST	Nat Gas	FO2	1970
	3	472.5	448.0	448.0	ST	SUB	Nat Gas	1979
	4	472.5	448.0	443.0	ST	SUB	Nat Gas	1980
Riverside (Tulsa)	IC1	2.8	2.8	2.8	IC	FO2		1976
	1	472.5	457.0	457.0	ST	Nat Gas	FO2	1974
	2	472.5	465.0	465.0	ST	Nat Gas	FO2	1976
Southwestern (Caddo)	IC1	6.0	6.0	6.0	IC	FO2		1962
	1	83.8	80.0	80.0	ST	Nat Gas	FO2	1952
	2	83.8	80.0	80.0	ST	Nat Gas	FO2	1954
	3	315.0	300.0	300.0	ST	Nat Gas	FO2	1967
Tulsa (Tulsa)	IC1	8.3	8.3	8.3	IC	FO2		1967
	2	170.0	162.0	162.0	ST	Nat Gas	FO2	1956
	3	95.0	85.0	85.0	ST	Nat Gas	FO2	1957
	4	170.0	162.0	162.0	ST	Nat Gas	FO2	1958
Weleetka (Okfuskee)	IC1	4.0	4.0	4.0	IC	FO2		1963
	4	67.0	51.0	51.0	GT	Nat Gas	FO2	1975
	5	67.0	51.0	51.0	GT	Nat Gas	FO2	1976
	6	67.0	51.0	51.0	GT	Nat Gas	FO2	1976
Stillwater Utilities Authority								
Boomer Lake (Payne)	1	10.0	11.0	11.0	ST	Nat Gas	FO2	1956
	2	12.7	12.9	12.9	ST	Nat Gas	FO2	1959
USCE-Tulsa District								
Broken Bow (McCurtain)	1	50.0	50.0	50.0	HC	Water		1969
	2	50.0	50.0	50.0	HC	Water		1970
Eufaula (Haskell)	1	30.0	29.0	29.0	HC	Water		1964
	2	30.0	29.0	29.0	HC	Water		1964
	3	30.0	29.0	29.0	HC	Water		1964
Fort Gibson (Cherokee)	1	11.3	12.5	12.5	HC	Water		1952
	2	11.3	12.5	12.5	HC	Water		1952
	3	11.3	12.5	12.5	HC	Water		1953
	4	11.3	12.5	12.5	HC	Water		1953
Keystone (Tulsa)	1	35.0	35.0	35.0	HC	Water		1968
	2	35.0	35.0	35.0	HC	Water		1968
Robert S Kerr (Sequoyah)	1	27.5	28.5	28.5	HC	Water		1971
	2	27.5	28.5	28.5	HC	Water		1971
	3	27.5	28.5	28.5	HC	Water		1971
	4	27.5	28.5	28.5	HC	Water		1971
Tenkiller Ferry (Sequoyah)	1	19.6	20.0	21.0	HC	Water		1953
	2	19.6	20.0	21.0	HC	Water		1953
Webbers Falls (Muskogee)	1	20.0	23.0	23.0	HC	Water		1973

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Oklahoma								
USCE-Tulsa District								
	2	20.0	23.0	23.0	HC	Water		1973
	3	20.0	23.0	23.0	HC	Water		1973
Western Farmers Elec Coop Inc								
Anadarko (Caddo)	1	15.0	14.0	15.0	ST	Nat Gas		1953
	2	15.0	14.0	15.0	ST	Nat Gas		1953
	3	44.0	44.0	46.0	ST	Nat Gas		1959
	4	100.0	88.0	98.0	CS	Nat Gas		1977
	5	100.0	88.0	98.0	CS	Nat Gas		1977
	6	100.0	88.0	98.0	CS	Nat Gas		1977
Cherokee (Alfalfa)	IC5	1.2	0.9	1.0	IC	Nat Gas	FO2	1955
	1	3.1	2.9	2.9	IC	Nat Gas	FO2	1966
	3	1.0	0.9	0.9	IC	Nat Gas	FO2	1947
	4	1.0	0.9	0.9	IC	Nat Gas	FO2	1950
Hugo (Choctaw)	1	400.0	395.0	400.0	ST	SUB		1981
Mooreland (Woodward)	1	44.0	50.0	50.0	ST	Nat Gas		1964
	2	125.0	137.0	137.0	ST	Nat Gas		1968
	3	135.0	140.0	140.0	ST	Nat Gas		1975
Woodward (Woodward)	1	1.1	1.0	1.1	IC	Nat Gas	FO2	1950
	2	1.1	1.0	1.1	IC	Nat Gas	FO2	1950
	3	1.1	1.0	1.1	IC	Nat Gas	FO2	1950
	4	1.1	1.0	1.1	IC	Nat Gas	FO2	1953
Oregon								
Bureau of Reclamation								
Green Springs (Jackson)	1	16.0	18.0	18.0	HC	Water		1960
Eugene City of								
Carmen Smith (Linn)	1	40.0	40.8	40.8	HC	Water		1963
	2	40.0	40.8	40.8	HC	Water		1963
	3	10.0	3.8	3.8	HC	Water		1963
Leaburg (Lane)	1	6.0	12.0[2]	12.0[2]	HC	Water		1930
	2	7.5	–[2]	–[2]	HC	Water		1950
Walterville (Lane)	1	8.0	6.9	6.9	HC	Water		1949
Willamette (Lane)	3	11.5	11.4	11.6	ST	WD		1950
Idaho Power Co								
Hells Canyon (Wallowa)	1	130.5	120.3	150.0	HC	Water		1967
	2	130.5	120.3	150.0	HC	Water		1967
	3	130.5	120.3	150.0	HC	Water		1967
Oxbow (Baker)	1	47.5	55.0	55.0	HC	Water		1961
	2	47.5	55.0	55.0	HC	Water		1961
	3	47.5	55.0	55.0	HC	Water		1961
	4	47.5	55.0	55.0	HC	Water		1961
Oregon Trail El Cons Coop Inc								
Rock Creek (Baker)	1	0.4	0.4	0.4	HC	Water		1919
	2	0.4	0.4	0.4	HC	Water		1919
Pacific Power & Light Co								
Bend (Deschutes)	1	0.2	0.2	0.2	HC	Water		1913
	2	0.4	0.4	0.4	HC	Water		1916
	3	0.6	0.6	0.6	HC	Water		1917
Clearwater 1 (Douglas)	1	15.0	12.0	15.0	HC	Water		1953
Clearwater 2 (Douglas)	1	26.0	26.0	26.0	HC	Water		1953
Cline Falls (Deschutes)	1	1.0	1.0	1.0	HC	Water		1943
Eagle Point (Jackson)	1	2.8	3.0	3.0	HC	Water		1957
East Side (Klamath)	1	3.2	3.0	3.0	HC	Water		1924
Fish Creek (Douglas)	1	11.0	12.0	11.0	HC	Water		1952
John C Boyle (Klamath)	1	40.0	41.0	40.0	HC	Water		1958
	2	40.0	41.0	40.0	HC	Water		1958
Lemolo 1 (Douglas)	1	29.0	28.0	29.0	HC	Water		1955
Lemolo 2 (Douglas)	1	33.0	35.0	33.0	HC	Water		1956
Powerdale (Hood River)	1	6.0	5.5	6.0	HC	Water		1923
Prospect 1 (Jackson)	1	3.8	4.7	5.0	HC	Water		1912

See footnotes at end of table.

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Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Oregon								
Pacific Power & Light Co								
Prospect 2 (Jackson)	1	16.0	18.0	16.0	HC	Water		1928
	2	16.0	18.0	16.0	HC	Water		1928
Prospect 3 (Jackson)	1	7.2	6.8	8.0	HC	Water		1932
Prospect 4 (Jackson)	1	1.0	1.0	1.0	HC	Water		1944
Slide Creek (Douglas)	1	18.0	17.0	18.0	HC	Water		1951
Soda Springs (Douglas)	1	11.0	11.5	11.0	HC	Water		1952
Stayton (Marion)	1	0.6	0.6	0.6	HC	Water		1937
Toketee Falls (Douglas)	1	14.2	14.0	14.0	HC	Water		1950
	2	14.2	14.0	14.0	HC	Water		1943
	3	14.2	14.0	14.0	HC	Water		1950
Wallowa Falls (Wallowa)	1	1.1	0.9	1.0	HC	Water		1967
West Side (Klamath)	1	0.6	0.6	1.0	HC	Water		1908
Portland General Electric Co								
Beaver (Columbia)	1	68.3	57.4	62.2	CT	Nat Gas	FO2	1974
	2	68.3	57.4	62.2	CT	Nat Gas	FO2	1974
	3	68.3	57.4	62.2	CT	Nat Gas	FO2	1974
	4	68.3	57.4	62.2	CT	Nat Gas	FO2	1974
	5	68.3	57.4	62.2	CT	Nat Gas	FO2	1974
	6	68.3	57.4	62.2	CT	Nat Gas	FO2	1974
	7	176.4	148.4	160.7	CW	WH		1977
Bethel (Marion)	1	56.7	51.5	58.0	GT	FO2	Nat Gas	1973
	2	56.7	51.5	58.0	GT	FO2	Nat Gas	1973
Boardman (Morrow)	1°	560.5	530.0	530.0	ST	SUB		1980
Bull Run (Clackamas)	1	5.3	5.5	5.5	HC	Water		1922
	2	5.3	5.5	5.5	HC	Water		1912
	3	5.3	5.5	5.5	HC	Water		1912
	4	5.3	5.5	5.5	HC	Water		1912
Faraday (Clackamas)	1	3.0	3.7	3.7	HC	Water		1906
	2	3.0	3.7	3.7	HC	Water		1906
	3	2.5	3.1	3.1	HC	Water		1908
	4	3.0	3.7	3.7	HC	Water		1909
	5	3.8	4.7	4.7	HC	Water		1910
	6	19.2	24.0	24.0	HC	Water		1958
North Fork (Clackamas)	1	19.2	27.0	27.0	HC	Water		1958
	2	19.2	27.0	27.0	HC	Water		1958
Oak Grove (Clackamas)	1	25.5	22.5	22.5	HC	Water		1924
	2	25.5	22.5	22.5	HC	Water		1930
Pelton (Jefferson)	1	32.4	36.0	36.0	HC	Water		1957
	2	32.4	36.0	36.0	HC	Water		1958
	3	32.4	36.0	36.0	HC	Water		1958
Pelton Re-Regulation (Jefferson)	1	18.9	20.8	20.8	HC	Water		1962
PHP 1 (Multnomah)	1	23.8	24.0	24.0	HC	Water		1981
PHP 2 (Clackamas)	2	11.9	12.0	12.0	HC	Water		1981
River Mill (Clackamas)	1	3.3	4.0	4.0	HC	Water		1911
	2	3.3	4.0	4.0	HC	Water		1911
	3	3.3	4.0	4.0	HC	Water		1911
	4	4.2	5.0	5.0	HC	Water		1957
	5	5.0	6.0	6.0	HC	Water		1952
Round Butte (Jefferson)	1	82.4	100.0	100.0	HC	Water		1964
	2	82.4	100.0	100.0	HC	Water		1964
	3	82.4	100.0	100.0	HC	Water		1964
Summit (Clackamas)	1	2.8	3.0	3.0	IC	FO2		1970
	2	2.8	3.0	3.0	IC	FO2		1973
T W Sullivan (Clackamas)	1	1.2	1.2	1.2	HC	Water		1952
	10	1.2	1.2	1.2	HC	Water		1952
	11	1.2	1.2	1.2	HC	Water		1952
	12	1.2	1.2	1.2	HC	Water		1952
	13	1.2	1.2	1.2	HC	Water		1952
	2	1.2	1.2	1.2	HC	Water		1952
	3	1.2	1.2	1.2	HC	Water		1952
	4	1.2	1.2	1.2	HC	Water		1952
	5	1.2	1.2	1.2	HC	Water		1952
	6	1.2	1.2	1.2	HC	Water		1952
	7	1.2	1.2	1.2	HC	Water		1952
	8	1.2	1.2	1.2	HC	Water		1952

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Oregon								
Portland General Electric Co								
	9	1.0	1.0	1.0	HC	Water		1924
Trojan (Columbia)	1*	1216.0	1104.0	1104.0	NP	Uranium		1975
USCE-Portland District								
Big Cliff (Marion)	1	18.0	21.0	21.0	HC	Water		1954
Bonneville (Umatilla)	F1	13.1	30.0^{11}	30.0^{11}	HC	Water		1982
	F2	13.1	-^{11}	-^{11}	HC	Water		1981
	1	43.2	1182.0^{12}	1182.0^{12}	HC	Water		1938
	10	54.0	-^{12}	-^{12}	HC	Water		1944
	11	66.5	-^{12}	-^{12}	HC	Water		1982
	12	66.5	-^{12}	-^{12}	HC	Water		1982
	13	66.5	-^{12}	-^{12}	HC	Water		1982
	14	66.5	-^{12}	-^{12}	HC	Water		1982
	15	66.5	-^{12}	-^{12}	HC	Water		1982
	16	66.5	-^{12}	-^{12}	HC	Water		1981
	17	66.5	-^{12}	-^{12}	HC	Water		1981
	18	66.5	-^{12}	-^{12}	HC	Water		1981
	2	59.6	-^{12}	-^{12}	HC	Water		1938
	3	54.0	-^{12}	-^{12}	HC	Water		1941
	4	54.0	-^{12}	-^{12}	HC	Water		1941
	5	54.0	-^{12}	-^{12}	HC	Water		1941
	6	54.0	-^{12}	-^{12}	HC	Water		1942
	7	54.0	-^{12}	-^{12}	HC	Water		1943
	8	54.0	-^{12}	-^{12}	HC	Water		1943
	9	54.0	-^{12}	-^{12}	HC	Water		1943
Cougar (Lane)	1	13.0	29.0^{3}	23.0^{3}	HC	Water		1964
	2	13.0	-^{3}	-^{3}	HC	Water		1964
Dalles (Lane)	F1	14.0	1946.0^{3}	1946.0^{3}	HC	Water		1957
	F2	14.0	-^{3}	-^{3}	HC	Water		1957
	1	78.0	-^{3}	-^{3}	HC	Water		1957
	10	78.0	-^{3}	-^{3}	HC	Water		1959
	11	78.0	-^{3}	-^{3}	HC	Water		1960
	12	78.0	-^{3}	-^{3}	HC	Water		1960
	13	78.0	-^{3}	-^{3}	HC	Water		1960
	14	78.0	-^{3}	-^{3}	HC	Water		1960
	15	26.0	-^{3}	-^{3}	HC	Water		1973
	16	26.0	-^{3}	-^{3}	HC	Water		1973
	17	26.0	-^{3}	-^{3}	HC	Water		1973
	18	26.0	-^{3}	-^{3}	HC	Water		1973
	19	86.0	-^{3}	-^{3}	HC	Water		1973
	2	78.0	-^{3}	-^{3}	HC	Water		1957
	20	86.0	-^{3}	-^{3}	HC	Water		1973
	21	86.0	-^{3}	-^{3}	HC	Water		1973
	22	86.0	-^{3}	-^{3}	HC	Water		1973
	3	78.0	-^{3}	-^{3}	HC	Water		1958
	4	78.0	-^{3}	-^{3}	HC	Water		1958
	5	78.0	-^{3}	-^{3}	HC	Water		1958
	6	78.0	-^{3}	-^{3}	HC	Water		1958
	7	78.0	-^{3}	-^{3}	HC	Water		1959
	8	78.0	-^{3}	-^{3}	HC	Water		1959
	9	78.0	-^{3}	-^{3}	HC	Water		1959
Detroit (Marion)	1	50.0	115.0^{3}	100.0^{3}	HC	Water		1953
	2	50.0	-^{3}	-^{3}	HC	Water		1953
Dexter (Lane)	1	15.0	17.0	17.0	HC	Water		1955
Foster (Linn)	1	10.0	23.0^{3}	21.0^{3}	HC	Water		1968
	2	10.0	-^{3}	-^{3}	HC	Water		1968
Green Peter (Linn)	1	40.0	92.0^{3}	76.0^{3}	HC	Water		1967
	2	40.0	-^{3}	-^{3}	HC	Water		1967
Hills Creek (Lane)	1	15.0	35.0^{3}	31.0^{3}	HC	Water		1962
	2	15.0	-^{3}	-^{3}	HC	Water		1962
John Day (Lane)	1	135.0	2484.0^{3}	2484.0^{3}	HC	Water		1968
	10	135.0	-^{3}	-^{3}	HC	Water		1969
	11	135.0	-^{3}	-^{3}	HC	Water		1970
	12	135.0	-^{3}	-^{3}	HC	Water		1970
	13	135.0	-^{3}	-^{3}	HC	Water		1970
	14	135.0	-^{3}	-^{3}	HC	Water		1971

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Oregon								
USCE-Portland District								
	15	135.0	-[2]	-[2]	HC	Water		1971
	16	135.0	-[2]	-[2]	HC	Water		1971
	2	135.0	-[2]	-[2]	HC	Water		1968
	3	135.0	-[2]	-[2]	HC	Water		1968
	4	135.0	-[2]	-[2]	HC	Water		1968
	5	135.0	-[2]	-[2]	HC	Water		1969
	6	135.0	-[2]	-[2]	HC	Water		1969
	7	135.0	-[2]	-[2]	HC	Water		1969
	8	135.0	-[2]	-[2]	HC	Water		1969
	9	135.0	-[2]	-[2]	HC	Water		1969
Lookout Point (Lane)	1	40.0	138.0[2]	64.0[2]	HC	Water		1955
	2	40.0	-[2]	-[2]	HC	Water		1955
	3	40.0	-[2]	-[2]	HC	Water		1955
Lost Creek (Jackson)	1	24.5	46.0[2]	48.0[2]	HC	Water		1977
	2	24.5	-[2]	-[2]	HC	Water		1977
McNary (Umatilla)	1	70.0	1127.0[2]	1127.0[2]	HC	Water		1953
	10	70.0	-[2]	-[2]	HC	Water		1955
	11	70.0	-[2]	-[2]	HC	Water		1956
	12	70.0	-[2]	-[2]	HC	Water		1956
	13	70.0	-[2]	-[2]	HC	Water		1957
	14	70.0	-[2]	-[2]	HC	Water		1957
	2	70.0	-[2]	-[2]	HC	Water		1954
	3	70.0	-[2]	-[2]	HC	Water		1954
	4	70.0	-[2]	-[2]	HC	Water		1954
	5	70.0	-[2]	-[2]	HC	Water		1954
	6	70.0	-[2]	-[2]	HC	Water		1955
	7	70.0	-[2]	-[2]	HC	Water		1955
	8	70.0	-[2]	-[2]	HC	Water		1955
	9	70.0	-[2]	-[2]	HC	Water		1956

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Pennsylvania								
Allegheny Electric Coop Inc								
Wm F Matson Gen Stat (Juniata)	1	7.0	7.2	6.9	HC	Water		1988
	2	14.7	15.5	14.9	HC	Water		1988
Duquesne Light Co								
Beaver Valley (Beaver)	1*	923.4	810.0	810.0	NP	Uranium		1976
	2*	923.4	833.0	833.0	NP	Uranium		1987
Brunot Island (Allegheny)	CT2A	65.3	45.0	56.0	CT	FO2		1973
	CT2B	65.3	45.0	56.0	CT	FO2		1973
	CT3	65.3	45.0	56.0	CT	FO2		1973
	CW4	144.0	69.0	72.0	CA	WH	FO2	1974
	1A	23.6	18.0	22.0	GT	FO2		1971
	1B	23.6	18.0	22.0	GT	FO2		1971
	1C	23.6	18.0	22.0	GT	FO2		1972
Cheswick (Allegheny)	1	565.3	562.0	570.0	ST	BIT	Nat Gas	1970
Elrama (Washington)	1	100.0	97.0	100.0	ST	BIT		1952
	2	100.0	97.0	100.0	ST	BIT		1953
	3	125.0	109.0	112.0	ST	BIT		1954
	4	185.3	171.0	175.0	ST	BIT		1960
F R Phillips (Allegheny)	1	69.0	72.0	75.0	ST	BIT		1942
	2	81.3	75.0	78.0	ST	BIT		1949
	3	81.3	75.0	78.0	ST	BIT		1950
	4	179.7	128.0	134.0	ST	BIT		1956
GPU Nuclear Corp								
Three Mile Island (Dauphin)	1*	872.0	808.0	832.0	NP	Uranium		1974
Metropolitan Edison Co								
Hamilton (Adams)	1	19.6	20.0	26.0	GT	FO2		1971
Hunterstown (Adams)	1	19.6	20.0	27.0	GT	Nat Gas	FO2	1971
	2	19.6	20.0	27.0	GT	Nat Gas	FO2	1971
	3	19.6	20.0	27.0	GT	Nat Gas	FO2	1971
Mountain (Cumberland)	1	26.6	20.0	27.0	GT	Nat Gas	FO2	1972
	2	26.6	20.0	27.0	GT	Nat Gas	FO2	1972
Orrtanna (Adams)	1	19.6	20.0	26.0	GT	FO2		1971
Portland (Northampton)	1	171.7	158.0	156.0	ST	BIT		1958
	2	255.0	243.0	243.0	ST	BIT		1962
	3	18.0	15.0	19.0	GT	Nat Gas	FO2	1967
	4	19.6	20.0	26.0	GT	Nat Gas	FO2	1971
Shawnee (Northampton)	1	19.6	20.0	26.0	GT	FO2		1972
Titus (Berks)	1	75.0	78.0	80.0	ST	BIT		1961
	2	75.0	78.0	80.0	ST	BIT		1951
	3	75.0	78.0	80.0	ST	BIT		1953
	4	18.0	15.0	19.0	GT	Nat Gas	FO2	1967
	5	17.6	16.0	20.0	GT	Nat Gas	FO2	1970
Tolna (York)	1	26.6	20.0	27.0	GT	FO2		1972
	2	26.6	20.0	27.0	GT	FO2		1972
Yorkhaven (Dauphin)	1	19.6	19.0	19.0	HC	Water		1905
Pennsylvania Electric Co								
Benton (Sullivan)	2	2.0	2.0	2.0	IC	FO2		1960
	3	2.0	2.0	2.0	IC	FO2		1960
Blossburg (Tioga)	1	23.6	19.0	26.0	GT	Nat Gas		1971
Conemaugh (Indiana)	A*	2.8	2.7	2.7	IC	FO2		1970
	B*	2.8	2.7	2.7	IC	FO2		1970
	C*	2.8	2.7	2.7	IC	FO2		1970
	D*	2.8	2.7	2.7	IC	FO2		1970
	1*	936.0	850.0	850.0	ST	BIT		1970
	2*	936.0	850.0	850.0	ST	BIT		1971
Front Street (Erie)	1	18.8	15.0	15.0	ST	BIT		1953
	2	10.0	8.0	10.1	ST	BIT		1917
	3	15.0	15.0	15.0	ST	BIT		1927
	4	25.0	28.0	28.0	ST	BIT		1944
	5	50.0	52.0	52.0	ST	BIT		1952
Homer City (Indiana)	1*	660.0	620.0	620.0	ST	BIT		1969
	2*	660.0	614.0	614.0	ST	BIT		1969
	3*	692.0	650.0	650.0	ST	BIT		1977
	4*	2.0	2.0	2.0	IC	FO2		1969

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Pennsylvania								
Pennsylvania Electric Co								
	5*	2.0	2.0	2.0	IC	FO2		1969
	6*	2.0	2.0	2.0	IC	FO2		1969
Keystone (Armstrong)	1*	936.0	850.0	850.0	ST	BIT		1967
	2*	936.0	850.0	850.0	ST	BIT		1968
	3*	2.8	2.7	2.7	IC	FO2		1968
	4*	2.8	2.7	2.7	IC	FO2		1968
	5*	2.8	2.7	2.7	IC	FO2		1968
	6*	2.8	2.7	2.7	IC	FO2		1968
Piney (Clarion)	1	9.6	9.0	9.0	HC	Water		1924
	2	9.6	9.0	9.0	HC	Water		1924
	3	9.6	9.0	10.0	HC	Water		1927
Seneca (Warren)	1*	198.0	175.0	175.0	HR	Water		1969
	2*	198.0	175.0	175.0	HR	Water		1969
	3*	26.0	30.0	30.0	HC	Water		1969
Seward (Indiana)	4	62.0	60.0	62.0	ST	BIT		1950
	5	156.2	136.0	137.0	ST	BIT		1957
Shawville (Clearfield)	1	125.0	122.0	128.0	ST	BIT		1954
	2	125.0	125.0	130.0	ST	BIT		1954
	3	187.5	175.0	180.0	ST	BIT		1959
	4	187.5	175.0	180.0	ST	BIT		1960
	5	2.0	2.0	2.0	IC	FO2		1963
	6	2.0	2.0	2.0	IC	FO2		1963
	7	2.0	2.0	2.0	IC	FO2		1963
Warren (Warren)	1	42.3	44.0	44.0	ST	BIT		1948
	2	42.3	44.0	44.0	ST	BIT		1949
	3	53.1	57.0	79.0	GT	Nat Gas	FO2	1972
Wayne (Crawford)	A	53.1	54.0	76.0	GT	FO2		1972
Williamsburg (Blair)	5	25.0	32.0	33.0	ST	BIT		1944
Pennsylvania Power & Light Co								
Allentown (Lehigh)	CT1	16.0	14.0	18.0	GT	FC2		1967
	CT2	16.0	14.0	18.0	GT	FO2		1967
	CT3	16.0	14.0	18.0	GT	FO2		1967
	CT4	16.0	14.0	18.0	GT	FO2		1967
Brunner Island (York)	D1	2.8	2.7	2.7	IC	FO2		1967
	D2	2.8	2.7	2.7	IC	FO2		1967
	D3	2.8	2.7	2.7	IC	FO2		1967
	1	363.3	321.0	334.0	ST	BIT		1961
	2	405.0	378.0	390.0	ST	BIT		1965
	3	790.4	730.0	740.0	ST	BIT		1968
Fishbach (Schuylkill)	CT1	18.6	14.0	18.0	GT	FO2		1969
	CT2	18.6	14.0	18.0	GT	FO2		1969
Harrisburg (Dauphin)	CT1	16.0	14.0	18.0	GT	FO2		1967
	CT2	16.0	14.0	18.0	GT	FO2		1967
	CT3	16.0	14.0	18.0	CT	FO2		1967
	CT4	16.0	14.0	18.0	GT	FO2		1967
Harwood (Luzerne)	CT1	16.0	14.0	18.0	GT	FO2		1967
	CT2	16.0	14.0	18.0	GT	FO2		1967
Holtwood (Lancaster)	1	10.4	9.8	9.8	HC	Water		1910
	10	12.0	11.3	11.3	HC	Water		1924
	11	0.5	0.5	0.5	HC	Water		1910
	13	0.5	0.5	0.5	HC	Water		1910
	17	75.0	72.0	73.0	ST	ANT	PC	1954
	2	10.4	9.8	9.8	HC	Water		1911
	3	10.4	9.8	9.8	HC	Water		1911
	4	10.4	9.8	9.8	HC	Water		1911
	5	10.4	9.8	9.8	HC	Water		1911
	6	10.4	9.8	9.8	HC	Water		1912
	7	10.4	9.8	9.8	HC	Water		1913
	8	10.4	9.8	9.8	HC	Water		1914
	9	12.0	11.3	11.3	HC	Water		1924
Jenkins (Luzerne)	CT1	16.0	14.0	16.0	GT	FO2		1969
	CT2	16.0	14.0	18.0	GT	FO2		1969
Lock Haven (Clinton)	GT1	18.6	14.0	18.0	GT	FO2		1969
Martins Creek (Northampton)	CT1*	23.6	18.0	24.0	GT	FO2		1971
	CT2*	23.6	18.0	24.0	GT	FO2		1971
	CT3*	23.6	18.0	24.0	GT	FO2		1971

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Pennsylvania								
Pennsylvania Power & Light Co								
	CT4*	23.6	18.0	24.0	GT	FO2		1971
	D1	2.8	2.5	2.5	IC	FO2		1967
	D2	2.8	2.5	2.5	IC	FO2		1967
	1	156.3	140.0	150.0	ST	BIT		1954
	2	156.3	140.0	150.0	ST	BIT		1956
	3	850.5	820.0	820.0	ST	FO6		1975
	4	850.5	820.0	820.0	ST	FO6		1976
Montour (Montour)	1	805.5	740.0	750.0	ST	BIT		1971
	11	17.2	15.0	15.0	ST	FO2	BIT	1972
	2	819.0	740.0	750.0	ST	BIT		1973
Suburban (Lackawanna)	7	29.3	20.0	31.0	GT	KER		1968
Sunbury (Snyder)	CT1*	23.6	18.0	24.0	GT	FO2		1971
	CT2*	23.6	18.0	24.0	GT	FO2		1971
	D1	2.8	3.0	3.0	IC	FO2		1967
	D2	2.8	3.0	3.0	IC	FO2		1967
	1	75.0	70.0	76.0	ST	ANT	PC	1949
	2	75.0	70.0	76.0	ST	ANT	PC	1949
	3	103.5	94.0	103.0	ST	BIT		1951
	4	156.3	128.0	134.0	ST	BIT		1953
Susquehanna (Luzerne)	1*	1152.0	1050.0	1050.0	NB	Uranium		1982
	2*	1152.0	1050.0	1050.0	NB	Uranium		1984
Wallenpaupack (Pike)	1	20.0	22.0	22.0	HC	Water		1926
	2	20.0	22.0	22.0	HC	Water		1926
West Shore (Dauphin)	CT1	18.6	14.0	18.0	GT	FO2		1969
	CT2	18.6	14.0	18.0	GT	FO2		1969
Williamsport (Lycoming)	CT1	16.0	14.0	18.0	GT	FO2		1967
	CT2	16.0	14.0	18.0	GT	FO2		1967
Pennsylvania Power Co								
Bruce Mansfield (Beaver)	1*	913.8	769.0	780.0	ST	BIT		1975
	2*	913.8	769.0	780.0	ST	BIT		1977
	3*	913.8	789.0	800.0	ST	BIT		1980
New Castle (Lawrence)	A*	2.8	3.0	3.0	IC	FO2		1968
	B*	2.8	3.0	3.0	IC	FO2		1968
	1	37.5	33.0	35.0	ST	BIT		1939
	2	40.2	40.0	42.0	ST	BIT		1947
	3	97.6	97.0	98.0	ST	BIT		1952
	4	113.6	96.0	98.0	ST	BIT		1958
	5	136.0	136.0	137.0	ST	BIT		1964
Philadelphia Electric Co								
Chester (Delaware)	7	18.6	13.0	18.0	GT	FO2		1969
	8	18.6	13.0	18.0	GT	FO2		1969
	9	18.6	13.0	18.0	GT	FO2		1969
Cromby (Chester)	IC1	2.8	2.7	2.7	IC	FO2		1967
	1	187.5	144.0	147.0	ST	BIT		1954
	2	230.0	201.0	211.0	ST	FO6		1955
Croydon (Bucks)	11	68.3	39.0	53.0	GT	FO2		1974
	12	68.3	39.0	53.0	GT	FO2		1974
	21	68.3	45.0	59.0	GT	FO2		1974
	22	68.3	34.0	48.0	GT	FO2		1974
	31	68.3	39.0	53.0	GT	FO2		1974
	32	68.3	45.0	59.0	GT	FO2		1974
	41	68.3	39.0	53.0	GT	FO2		1974
	42	68.3	45.0	59.0	GT	FO2		1974
Delaware (Philadelphia)	1	2.8	2.7	2.7	IC	FO2		1967
	10	18.6	13.0	18.0	GT	FO2		1969
	11	18.6	13.0	18.0	GT	FO2		1969
	12	18.6	13.0	18.0	GT	FO2		1969
	7	156.3	126.0	128.0	ST	FO6		1953
	8	156.3	124.0	128.0	ST	FO6		1953
	9	21.3	15.0	20.0	GT	FO2		1970
Eddystone (Delaware)	1	353.6	265.0	274.0	ST	BIT		1959
	10	18.6	13.0	18.0	GT	FO2		1967
	2	353.6	274.0	283.0	ST	BIT		1960
	20	18.6	13.0	18.0	GT	FO2		1967
	3	391.0	380.0	380.0	ST	FO6		1974

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Pennsylvania								
Philadelphia Electric Co								
	30	21.3	15.0	20.0	GT	FO2		1970
	4	391.0	380.0	380.0	ST	FO6		1976
	40	21.3	15.0	20.0	GT	FO2		1970
Falls (Bucks)	1	21.3	15.0	20.0	GT	FO2		1970
	2	21.3	15.0	20.0	GT	FO2		1970
	3	21.3	15.0	20.0	GT	FO2		1970
Limerick (Montgomery)	1	1092.0	1055.0	1062.0	NB	Uranium		1985
Moser (Montgomery)	1	21.3	15.0	20.0	GT	FO2		1970
	2	21.3	15.0	20.0	GT	FO2		1970
	3	21.3	15.0	20.0	GT	FO2		1970
Muddy Run (Lancaster)	1	100.0	110.0	110.0	HR	Water		1967
	2	100.0	110.0	110.0	HR	Water		1967
	3	100.0	110.0	110.0	HR	Water		1967
	4	100.0	110.0	110.0	HR	Water		1967
	5	100.0	110.0	110.0	HR	Water		1967
	6	100.0	110.0	110.0	HR	Water		1967
	7	100.0	110.0	110.0	HR	Water		1968
	8	100.0	110.0	110.0	HR	Water		1968
Peach Bottom (York)	2*	1152.0	1051.0	1055.0	NB	Uranium		1974
	3*	1152.0	1035.0	1035.0	NB	Uranium		1974
Richmond (Philadelphia)	DSL	2.8	2.7	2.7	IC	FO2		1967
	81	65.9	48.0	66.0	GT	FO2		1973
	91	65.9	48.0	66.0	GT	FO2		1973
	92	65.9	48.0	66.0	GT	FO2		1973
Schuylkill (Philadelphia)	IC1	2.8	2.8	2.8	IC	FO2		1967
	1	190.4	166.0	175.0	ST	FO6		1958
	10	18.6	13.0	18.0	GT	FO2		1969
	11	21.3	15.0	20.0	GT	FO2		1971
Southwark (Philadelphia)	3	18.6	13.0	18.0	GT	FO2		1967
	4	18.6	13.0	18.0	GT	FO2		1967
	5	18.6	13.0	18.0	GT	FO2		1967
	6	18.6	13.0	18.0	GT	FO2		1968
Safe Harbor Water Power Corp								
Safe Harbor (Lancaster)	1	33.0	33.0	33.0	HC	Water		1940
	10	37.5	37.5	37.5	HC	Water		1985
	11	37.5	37.5	37.5	HC	Water		1986
	12	37.5	37.5	37.5	HC	Water		1985
	2	33.0	33.0	33.0	HC	Water		1934
	3	32.0	32.0	32.0	HC	Water		1931
	4	32.0	32.0	32.0	HC	Water		1931
	41	2.0	2.0	2.0	HC	Water		1931
	42	2.0	2.0	2.0	HC	Water		1931
	5	32.0	32.0	32.0	HC	Water		1931
	6	32.0	32.0	32.0	HC	Water		1931
	7	32.0	32.0	32.0	HC	Water		1932
	8	37.5	37.5	37.5	HC	Water		1985
	9	37.5	37.5	37.5	HC	Water		1986
UGI Corp								
Hunlock Power (Luzerne)	3	50.0	47.0	48.0	ST	ANT	FO2	1959
West Penn Power Co								
Armstrong (Armstrong)	1	163.2	172.0	176.0	ST	BIT		1958
	2	163.2	171.0	176.0	ST	BIT		1959
Hatfields Ferry (Greene)	1*	576.0	500.0	555.0	ST	BIT		1969
	2*	576.0	500.0	555.0	ST	BIT		1970
	3*	576.0	465.0	465.0	ST	BIT		1971
Mitchell (Washington)	1	74.8	77.0	77.0	ST	FO6		1948
	2	74.8	77.0	77.0	ST	FO6	BIT	1949
	3	299.2	275.0	284.0	ST	BIT		1963
Springdale (Allegheny)	7	74.8	85.0	86.0	ST	FO6		1945
	8	140.6	121.0	121.0	ST	FO6		1954

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Puerto Rico								
Puerto Rico Electric Pwr Auth								
Aguirre (Salinas)	CA1	96.0	79.0	84.0	CA	FO2		1975
	CA9	96.0	79.0	84.0	CA	FO2		1975
	CT1	50.0	42.0	46.0	CT	FO2		1975
	CT2	50.0	42.0	46.0	CT	FO2		1975
	CT3	50.0	42.0	46.0	CT	FO2		1975
	CT4	50.0	42.0	46.0	CT	FO2		1975
	CT5	50.0	42.0	46.0	CT	FO2		1975
	CT6	50.0	42.0	46.0	CT	FO2		1975
	CT7	50.0	42.0	46.0	CT	FO2		1975
	CT8	50.0	42.0	46.0	CT	FO2		1975
	GT1	20.0	19.0	19.0	GT	FO2		1972
	GT2	20.0	19.0	19.0	GT	FO2		1972
	ST1	450.0	450.0	450.0	ST	FO6		1975
	ST2	450.0	450.0	450.0	ST	FO6		1975
Caonillas (Utuado)	1	8.8	9.0	9.0	HC	Water		1948
	2	8.8	9.0	9.0	HC	Water		1952
Culebra (Culebra)	1	1.9	1.7	1.7	IC	FO2		1977
Daguao (Ceiba)	1	20.4	19.0	19.0	GT	FO2		1972
	2	20.4	19.0	19.0	GT	FO2		1972
Dos Bocas (Utuado)	1	18.0	15.0	15.0	HC	Water		1942
Garzas (Penuelas)	1	7.2	7.2	7.2	HC	Water		1940
	2	5.0	5.0	5.0	HC	Water		1940
Jobos (Guayama)	1	20.4	19.0	19.0	GT	FO2		1973
	2	20.4	19.0	19.0	GT	FO2		1973
Mayaguez (Mayaguez)	3	20.0	19.0	19.0	GT	FO2		1972
	4	20.0	19.0	19.0	GT	FO2		1972
	5	20.0	19.0	19.0	GT	FO2		1972
	6	20.0	19.0	19.0	GT	FO2		1972
Palo Seco (Toa Baja)	GT1	20.0	19.0	19.0	GT	FO2		1972
	GT2	20.0	19.0	19.0	GT	FO2		1972
	GT3	20.0	19.0	19.0	GT	FO2		1972
	GT4	20.0	19.0	19.0	GT	FO2		1972
	ST1	82.5	85.0	85.0	ST	FO6		1960
	ST2	82.5	85.0	85.0	ST	FO6		1961
	ST3	216.0	216.0	216.0	ST	FO6		1969
	ST4	216.1	216.0	216.0	ST	FO6		1970
	5	20.0	19.0	19.0	GT	FO2		1973
	6	20.0	19.0	19.0	GT	FO2		1973
Patillas (Patillas)	1	1.4	1.4	1.4	HC	Water		1985
Rio Blanco (Naguabo)	1	5.0	5.0	5.0	HC	Water		1930
San Juan (San Juan)	10	100.0	100.0	100.0	ST	FO6		1968
	5	44.0	44.0	44.0	ST	FO6		1956
	6	44.0	44.0	44.0	ST	FO6		1957
	7	100.0	100.0	100.0	ST	FO6		1966
	8	100.0	100.0	100.0	ST	FO6		1966
	9	100.0	100.0	100.0	ST	FO6		1968
South Coast (Guayanilla)	1	44.0	50.0	50.0	ST	FO6		1958
	2	44.0	50.0	50.0	ST	FO6		1959
	3	82.5	85.0	85.0	ST	FO6		1962
	4	82.5	85.0	85.0	ST	FO6		1963
	5	410.0	410.0	410.0	ST	FO6		1972
	6	410.0	410.0	410.0	ST	FO6		1973
Toro Negro (Villalba)	1	8.6	8.6	8.6	HC	Water		1928
	2	1.9	1.7	1.7	HC	Water		1936
Vega Baja (Vega Baja)	1	20.4	19.0	19.0	GT	FO2		1971
	2	20.4	19.0	19.0	GT	FO2		1971
Vieques (Vieques)	1	1.0	0.8	0.8	IC	FO2		1966
Yabucoa (Yabucoa)	1	20.4	19.0	19.0	GT	FO2		1971
	2	20.4	19.0	19.0	GT	FO2		1971
Yauco (Yauco)	1	20.0	25.0	25.0	HC	Water		1955
	2	8.0	9.0	9.0	HC	Water		1954
Rhode Island								
Block Island Power Co								
Block Island (Washington)	IC7	0.2	0.2	0.0	IC	FO2		1952

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Rhode Island								
Block Island Power Co								
	IC8	0.2	0.2	0.2	IC	FO2		1958
	IC9	0.4	0.3	0.0	IC	FO2		1959
	10	0.5	0.4	0.4	IC	FO2		1965
	11	1.0	0.8	0.8	IC	FO2		1972
	12	1.0	0.8	1.0	IC	FO2		1974
	13	0.7	0.5	0.7	IC	FO2		1986
	14	0.4	0.3	0.3	IC	FO2		1981
	15	0.4	0.3	0.0	IC	FO2		1982
	18	0.9	0.6	0.6	IC	FO2		1984
	17	1.6	1.6	1.6	IC	FO2		1987
New England Power Co								
Manchester Street (Providence)	10	46.0	45.3	46.3	ST	FO6	Nat Gas	1947
	11	46.0	46.0	46.3	ST	FO6	Nat Gas	1949
	9	40.0	38.7	39.6	ST	FO6	Nat Gas	1941
South Street (Providence)	IC1	2.8	5.5[2]	5.5[3]	IC	FO2		1967
	IC2	2.8	-[2]	-[3]	IC	FO2		1967
	1HP	21.4	99.3[4]	100.0[5]	ST	FO6	Nat Gas	1918
	1LP	27.0	-[4]	-[5]	ST	FO6	Nat Gas	1918
	12	62.5	-[4]	-[5]	ST	FO6	Nat Gas	1955
Newport Electric Corp								
Eldred (Newport)	1	2.8	2.8	2.8	IC	FO2		1970
	2	2.8	2.8	2.8	IC	FO2		1970
	3	2.8	2.8	2.8	IC	FO2		1978
Jepson (Newport)	1	2.0	2.0	2.0	IC	FO2		1960
	2	2.0	2.0	2.0	IC	FO2		1960
	3	2.0	2.0	2.0	IC	FO2		1960
	4	2.0	2.0	2.0	IC	FO2		1961
Providence City of								
Providence (Providence)	1	1.5	1.4	1.4	HC	Water		1930
South Carolina								
Abbeville City of								
Rocky River (Abbeville)	IC1	1.1	1.1	1.1	IC	FO2		1946
	1	1.8	1.8	1.8	HC	Water		1940
	2	0.8	0.8	0.8	HC	Water		1940
Carolina Power & Light Co								
Darlington County (Darlington)	1	66.5	52.0	64.0	GT	Nat Gas	FO2	1974
	10	65.8	52.0	64.0	GT	LPG	FO2	1974
	11	66.8	52.0	64.0	GT	LPG	FO2	1974
	2	65.8	52.0	64.0	GT	LPG	FO2	1974
	3	66.8	52.0	64.0	GT	Nat Gas	FO2	1974
	4	65.8	52.0	54.0	GT	LPG	FO2	1974
	5	66.8	52.0	64.0	GT	Nat Gas	FO2	1975
	6	65.8	52.0	64.0	GT	FO2	LPG	1974
	7	66.8	52.0	64.0	GT	Nat Gas	FO2	1975
	8	65.8	52.0	64.0	GT	LPG	FO2	1974
	9	66.8	52.0	64.0	GT	LPG	FO2	1974
H B Robinson (Darlington)	GT1	16.3	15.0	18.0	GT	FO2		1968
	1	206.6	174.0	185.0	ST	BIT		1960
	2	768.7	665.0	700.0	NP	Uranium		1970
Duke Power Co								
Boyds Mill (Laurens)	1	0.7	0.1	0.1	HC	Water		1909
	2	0.7	0.1	0.1	HC	Water		1909
Buzzard Roost (Greenwood)	HC1	5.0	4.4	4.4	HC	Water		1940
	HC2	5.0	4.4	4.4	HC	Water		1940
	HC3	5.0	4.4	4.4	HC	Water		1940
	10	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	11	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	12	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	13	17.8	18.0	18.0	GT	FO2	Nat Gas	1971

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
South Carolina								
Duke Power Co								
	14	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	15	17.8	18.0	18.0	GT	FO2	Nat Gas	1971
	6	22.7	22.0	22.0	GT	FO2	Nat Gas	1971
	7	22.7	22.0	22.0	GT	FO2	Nat Gas	1971
	8	22.7	22.0	22.0	GT	FO2	Nat Gas	1971
	9	22.7	22.0	22.0	GT	FO2	Nat Gas	1971
Catawba (York)	1*	1205.1	1129.0	1129.0	NP	Uranium		1985
	2*	1205.1	1129.0	1129.0	NP	Uranium		1986
Cedar Creek (Lancaster)	1	15.0	12.8	12.8	HC	Water		1926
	2	15.0	12.8	12.8	HC	Water		1926
	3	15.0	12.8	12.8	HC	Water		1926
Dearborn (Chester)	1	15.0	11.6	11.6	HC	Water		1922
	2	15.0	11.6	11.6	HC	Water		1922
	3	15.0	11.6	11.6	HC	Water		1922
Fishing Creek (Chester)	1	9.4	10.5	10.5	HC	Water		1916
	2	6.0	6.7	6.7	HC	Water		1916
	3	6.0	6.7	6.7	HC	Water		1916
	4	9.4	10.5	10.5	HC	Water		1916
	5	6.0	6.7	6.7	HC	Water		1916
Gaston Shoals (Cherokee)	2	2.3	1.0	1.0	HC	Water		1908
	3	1.4	0.6	0.6	HC	Water		1908
	4	1.4	0.6	0.6	HC	Water		1908
	5	1.4	0.6	0.6	HC	Water		1908
	6	2.5	1.1	1.1	HC	Water		1927
Great Falls (Chester)	1	3.0	3.0	3.0	HC	Water		1907
	2	3.0	3.0	3.0	HC	Water		1907
	3	3.0	3.0	3.0	HC	Water		1907
	4	3.0	3.0	3.0	HC	Water		1907
	5	3.0	3.0	3.0	HC	Water		1907
	6	3.0	3.0	3.0	HC	Water		1907
	7	3.0	3.0	3.0	HC	Water		1907
	8	3.0	3.0	3.0	HC	Water		1907
Hollidays Bridge (Greenville)	1	1.0	0.1	0.1	HC	Water		1906
	2	1.0	0.1	0.1	HC	Water		1906
	3	1.0	0.1	0.1	HC	Water		1906
	4	0.5	0.1	0.1	HC	Water		1924
Jocassee (Pickens)	1	152.5	152.5	152.5	HR	Water		1973
	2	152.5	152.5	152.5	HR	Water		1973
	3	152.5	152.5	152.5	HR	Water		1975
	4	152.5	152.5	152.5	HR	Water		1975
Keowee (Pickens)	1	70.0	70.0	70.0	HC	Water		1971
	2	70.0	70.0	70.0	HC	Water		1971
Oconee (Oconee)	1	886.7	846.0	846.0	NP	Uranium		1973
	2	886.7	846.0	846.0	NP	Uranium		1973
	3	893.3	846.0	846.0	NP	Uranium		1974
Rocky Creek (Fairfield)	1	3.0	2.8	2.8	HC	Water		1909
	2	3.0	2.8	2.8	HC	Water		1909
	3	3.0	2.8	2.8	HC	Water		1909
	4	3.0	2.8	2.8	HC	Water		1909
	5	5.0	4.7	4.7	HC	Water		1909
	6	5.0	4.7	4.7	HC	Water		1909
	7	3.0	2.8	2.8	HC	Water		1909
	8	3.0	2.8	2.8	HC	Water		1909
Saluda (Greenville)	1	0.6	0.1	0.1	HC	Water		1905
	2	0.6	0.1	0.1	HC	Water		1905
	3	0.6	0.1	0.1	HC	Water		1905
	4	0.6	0.1	0.1	HC	Water		1905
Urquhart (Aiken)	3	15.7	15.0	15.0	GT	FO2	Nat Gas	1969
W S Lee (Anderson)	1	90.0	100.0	100.0	ST	BIT		1951
	2	90.0	100.0	100.0	ST	BIT		1951
	3	175.0	170.0	170.0	ST	BIT		1958
	4	35.1	30.0	30.0	GT	FO2	Nat Gas	1978
	5	35.1	30.0	30.0	GT	FO2	Nat Gas	1968
	6	35.1	30.0	30.0	GT	FO2	Nat Gas	1968
Wateree (Kershaw)	1	11.2	13.9	13.9	HC	Water		1919
	2	11.2	13.9	13.9	HC	Water		1919

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1983 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
South Carolina								
Duke Power Co								
	3	11.2	13.9	13.9	HC	Water		1919
	4	11.2	13.9	13.9	HC	Water		1919
	5	11.2	13.9	13.9	HC	Water		1919
Wylie (York)	1	15.0	13.2	13.2	HC	Water		1925
	2	15.0	13.2	13.2	HC	Water		1925
	3	15.0	13.2	13.2	HC	Water		1925
	4	15.0	13.2	13.2	HC	Water		1925
99 Islands (Cherokee)	1	3.0	1.6	1.6	HC	Water		1910
	2	3.0	1.6	1.6	HC	Water		1910
	3	3.0	1.6	1.6	HC	Water		1910
	4	3.0	1.6	1.6	HC	Water		1910
	5	3.0	1.6	1.6	HC	Water		1910
	6	3.0	1.6	1.6	HC	Water		1910
Lockhart Power Co								
Lockhart (Union)	HY1	2.8	3.5	3.5	HC	Water		1921
	HY3	2.8	3.5	3.5	HC	Water		1921
	HY4	2.8	3.5	3.5	HC	Water		1921
	HY5	1.1	1.0	1.0	HC	Water		1921
	2	2.8	3.5	3.5	HC	Water		1921
South Carolina Electric&Gas Co								
Burton (Beaufort)	1	11.7	10.0	10.0	GT	FO2	Nat Gas	1961
	2	11.7	10.0	10.0	GT	FO2	Nat Gas	1963
	3	11.7	10.0	10.0	GT	FO2	Nat Gas	1963
Canadys Steam (Colleton)	GT1	16.5	14.0	15.0	GT	FO2	Nat Gas	1968
	1	136.0	125.0	125.0	ST	BIT	Nat Gas	1962
	2	136.0	125.0	125.0	ST	BIT	Nat Gas	1964
	3	217.6	180.0	180.0	ST	BIT	Nat Gas	1967
Coit GT (Richland)	1	19.6	15.0	18.0	GT	FO2	Nat Gas	1969
	2	19.6	15.0	18.0	GT	FO2	Nat Gas	1964
Columbia (Richland)	1	1.6	1.4	1.4	HC	Water		1929
	2	1.6	1.4	1.4	HC	Water		1929
	3	1.6	1.4	1.4	HC	Water		1929
	4	1.3	1.4	1.4	HC	Water		1953
	5	1.3	1.4	1.4	HC	Water		1953
	6	1.6	1.4	1.4	HC	Water		1928
	7	1.6	1.4	1.4	HC	Water		1927
Faber Place (Charleston)	1	11.2	9.0	9.0	GT	Nat Gas		1961
Fairfield PS (Fairfield)	1	63.9	64.0	64.0	HR	Water		1978
	2	63.9	64.0	64.0	HR	Water		1978
	3	63.9	64.0	64.0	HR	Water		1978
	4	63.9	64.0	64.0	HR	Water		1978
	5	63.9	64.0	64.0	HR	Water		1978
	6	63.9	64.0	64.0	HR	Water		1978
	7	63.9	64.0	64.0	HR	Water		1978
	8	63.9	64.0	64.0	HR	Water		1978
Hagood (Charleston)	1	25.9	23.0	24.0	ST	FO6	Nat Gas	1947
	2	25.9	23.0	24.0	ST	FO6	Nat Gas	1950
	3	46.0	48.0	48.0	ST	FO6	Nat Gas	1951
Hardeeville (Jasper)	1	16.1	14.0	14.0	GT	FO2		1968
McMeekin (Lexington)	1	146.9	126.0	127.0	ST	BIT	Nat Gas	1958
	2	146.9	126.0	127.0	ST	BIT	Nat Gas	1958
Neal Shoals (Union)	1	1.3	1.3	1.3	HC	Water		1966
	2	1.3	1.3	1.3	HC	Water		1966
	3	1.3	1.3	1.3	HC	Water		1966
	4	1.3	1.3	1.3	HC	Water		1966
Parr (Fairfield)	1	2.5	2.3	2.3	HC	Water		1914
	2	2.5	2.3	2.3	HC	Water		1914
	3	2.5	2.3	2.3	HC	Water		1914
	4	2.5	2.3	2.3	HC	Water		1914
	5	2.5	2.3	2.3	HC	Water		1914
	6	2.5	2.3	2.3	HC	Water		1921
Parr Steam (Fairfield)	CT1	17.7	14.0	17.0	CT	FO2	Nat Gas	1970
	CT2	17.7	14.0	17.0	CT	FO2	Nat Gas	1970
	CT3	19.6	18.0	21.0	CT	FO2	Nat Gas	1971

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
South Carolina								
South Carolina Electric&Gas Co								
	GT4	19.6	18.0	21.0	CT	FO2	Nat Gas	1971
	1	12.5	12.5	12.5	CW	WH		1925
	2	30.0	28.0	28.0	CW	WH		1926
	3	30.0	28.0	28.0	CW	WH		1929
Saluda (Lexington)	1	32.5	34.0	34.0	HC	Water		1930
	2	32.5	34.0	34.0	HC	Water		1930
	3	32.5	34.0	34.0	HC	Water		1930
	4	32.5	34.0	34.0	HC	Water		1930
	5	67.5	70.0	70.0	HC	Water		1971
Summer (Fairfield)	1*	953.9	885.0	894.0	NP	Uranium		1982
Urquhart (Aiken)	GT1	19.6	15.0	18.0	GT	FO2	Nat Gas	1969
	GT2	16.3	12.0	14.0	GT	FO2	Nat Gas	1969
	1	75.0	75.0	76.0	ST	BIT	Nat Gas	1953
	2	75.0	75.0	76.0	ST	BIT	Nat Gas	1954
	3	100.0	100.0	102.0	ST	BIT	Nat Gas	1955
Wateree (Richland)	1	385.9	350.0	360.0	ST	BIT	FO2	1970
	2	385.9	350.0	360.0	ST	BIT	FO2	1971
South Carolina Genertg Co Inc								
Williams (Berkeley)	ST1	632.7	560.0	565.0	ST	BIT		1973
South Carolina Pub Serv Auth								
Cross (Berkeley)	2	556.2	514.0	514.0	ST	BIT		1984
Dolphus M Grainger (Horry)	1*	81.6	85.0	85.0	ST	BIT		1966
	2*	81.6	84.0	84.0	ST	BIT		1966
Hilton Head (Beaufort)	1*	26.6	20.0	25.0	GT	FO2		1973
	2	26.6	20.0	25.0	GT	FO2		1974
	3	64.7	57.0	70.0	GT	FO2		1979
Jefferies (Berkeley)	H1	30.6	44.0[2]	44.0[2]	HC	Water		1942
	H2	30.6	-[2]	-[2]	HC	Water		1942
	H3	30.6	-[2]	-[2]	HC	Water		1942
	H4	30.6	-[2]	-[2]	HC	Water		1942
	H6	10.2	-[2]	-[2]	HC	Water		1942
	1	50.0	46.0	46.0	ST	FO6		1953
	2	50.0	46.0	46.0	ST	FO6		1953
	3	172.8	153.0	153.0	ST	BIT		1969
	4	172.8	153.0	153.0	ST	BIT		1970
Myrtle Beach (Horry)	1	11.5	10.0	11.0	GT	FO2	Nat Gas	1962
	2	11.5	10.0	11.0	GT	FO2	Nat Gas	1962
	3	26.6	20.0	25.0	GT	FO2		1972
	4	26.6	20.0	25.0	GT	FO2		1972
	5	35.3	30.0	35.0	GT	FO2		1976
Spillway (Berkeley)	1	2.0	2.0	2.0	HC	Water		1950
St Stephens (Berkeley)	1*	28.0	28.0	28.0	HC	Water		1984
	2*	28.0	28.0	28.0	HC	Water		1984
	3*	28.0	28.0	28.0	HC	Water		1984
Winyah (Georgetown)	1	315.0	269.0	269.0	ST	BIT		1974
	2	315.0	282.0	282.0	ST	BIT		1977
	3	315.0	274.0	274.0	ST	BIT		1980
	4	315.0	268.0	268.0	ST	BIT		1981
Spartanburg City of								
R B Simms (Spartanburg)	1	0.5	0.5	0.5	HC	Water		1926
	2	0.5	0.5	0.5	HC	Water		1926
USCE-Savannah District								
J Strom Thurmond (McCormick)	1	40.0	176.0[2]	175.0[2]	HC	Water		1953
	2	40.0	-[2]	-[2]	HC	Water		1953
	3	40.0	-[2]	-[2]	HC	Water		1953
	4	40.0	-[2]	-[2]	HC	Water		1953
	5	40.0	-[2]	-[2]	HC	Water		1954
	6	40.0	-[2]	-[2]	HC	Water		1954
	7	40.0	-[2]	-[2]	HC	Water		1954

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
South Dakota								
Basin Electric Power Coop								
Spirit Mound (Clay)	1	67.5	52.0	52.0	GT	FO2		1978
	2	67.5	44.0	52.0	GT	FO2		1978
Black Hills Corp								
Ben French (Pennington)	GT1	25.2	17.0	25.0	GT	FO2		1977
	GT2	25.2	17.0	25.0	GT	FO2		1977
	GT3	25.2	17.0	25.0	GT	FO2		1978
	GT4	25.2	17.0	25.0	GT	FO2		1979
	IC1	2.0	2.0	2.0	IC	FO2		1965
	ST1	25.0	21.6	21.6	ST	SUB	FO2	1960
	2	2.0	2.0	2.0	IC	FO2		1965
	3	2.0	2.0	2.0	IC	FO2		1965
	4	2.0	2.0	2.0	IC	FO2		1965
	5	2.0	2.0	2.0	IC	FO2		1965
Kirk (Lawrence)	1	5.0	4.6	4.6	ST	SUB		1935
	2	5.0	4.6	4.6	ST	SUB		1935
	3	5.0	4.6	4.6	ST	SUB		1961
	4	16.8	16.1	16.1	ST	SUB		1956
Bryant City of								
Bryant (Hamlin)	2	0.3	0.3	0.3	IC	FO2		1951
Northern States Power Co								
Pathfinder (Minnehaha)	1	75.0	60.0	60.0	ST	Nat Gas	FO6	1969
Northwestern Public Service Co								
Aberdeen (Brown)	GT1	28.8	20.3	29.4	GT	FO2		1978
Armour (Charles Mix)	1	1.0	1.0	1.0	IC	FO2		1936
	2	1.1	1.1	1.1	IC	FO2		1947
	3	2.5	2.5	2.5	IC	FO2		1952
Chamberlain (Brule)	1	1.3	1.2	1.3	IC	FO2		1950
	2	1.1	1.0	1.1	IC	FO2		1948
	3	2.0	2.0	2.0	IC	FO2		1963
Clark (Clark)	1	2.8	2.7	2.7	IC	FO2		1971
Faulkton (Faulk)	1	2.8	2.6	2.7	IC	FO2		1969
Highmore (Hyde)	1	0.7	0.6	0.7	IC	FO2		1948
	2	1.4	1.2	1.3	IC	FO2		1960
	3	2.8	2.6	2.7	IC	FO2		1971
Huron (Beadle)	1	15.0	11.8	14.8	GT	Nat Gas	FO2	1961
Mobile (Beadle)	1	0.5	0.5	0.5	IC	FO2		1955
Redfield (Spink)	1	1.4	1.3	1.3	IC	Nat Gas	FO2	1962
	2	1.4	1.3	1.3	IC	Nat Gas	FO2	1962
	3	1.4	1.3	1.3	IC	Nat Gas	FO2	1962
Webster (Day)	1	0.8	0.7	0.8	IC	FO2		1931
	2	2.0	1.9	1.9	IC	FO2		1950
Yankton New (Yankton)	1	2.3	2.3	2.3	IC	Nat Gas	FO2	1974
	2	2.8	2.7	2.7	IC	Nat Gas	FO2	1974
	3	6.5	6.5	6.5	IC	Nat Gas	FO2	1975
Yankton Old (Yankton)	4	1.1	1.1	1.1	IC	FO2		1947
	5	2.5	2.4	2.4	IC	Nat Gas	FO2	1950
Otter Tail Power Co								
Big Stone (Grant)	1°	456.0	438.0	438.0	ST	LIG	FO2	1975
Lake Preston (Kingsbury)	GT1	24.1	21.1	29.4	GT	FO2		1978
R V Light & Power Co								
White River (Mellette)	1	0.1	0.1	0.1	HC	Water		1924
	2	0.2	0.1	0.1	HC	Water		1928
Sioux Falls City of								
Sioux Falls (Minnehaha)	1	0.2	0.0	0.0	IC	FO2		1926
	2	1.0	0.9	1.0	IC	FO2		1936
	5	0.7	0.6	0.7	IC	FO2		1951
	6	0.9	0.8	0.9	IC	FO2		1933

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
South Dakota								
Tyndall City of								
Tyndall (Bon Homme)	1	1.0	0.9	1.0	IC	FO2		1938
	2	1.0	0.9	1.0	IC	FO2		1929
	3	1.0	0.9	1.0	IC	FO2		1949
USCE-Missouri River District								
Big Bend (Buffalo)	1	58.5	67.0	67.0	HC	Water		1964
	2	58.5	67.0	67.0	HC	Water		1964
	3	58.5	67.0	67.0	HC	Water		1964
	4	58.5	67.0	67.0	HC	Water		1965
	5	58.5	67.0	67.0	HC	Water		1965
	6	58.5	67.0	67.0	HC	Water		1965
	7	58.5	67.0	67.0	HC	Water		1966
	8	58.5	67.0	67.0	HC	Water		1966
Fort Randall (Charles Mix)	1	40.0	46.0	46.0	HC	Water		1953
	2	40.0	46.0	46.0	HC	Water		1954
	3	40.0	46.0	46.0	HC	Water		1954
	4	40.0	46.0	46.0	HC	Water		1954
	5	40.0	46.0	46.0	HC	Water		1954
	6	40.0	46.0	46.0	HC	Water		1955
	7	40.0	46.0	46.0	HC	Water		1955
	8	40.0	46.0	46.0	HC	Water		1955
Gavins Point (Yankton)	1	33.3	38.0	38.0	HC	Water		1956
	2	44.1	33.0	33.0	HC	Water		1956
	3	44.1	44.1	44.1	HC	Water		1956
Oahe (Hughes)	1	112.0	112.0	112.0	HC	Water		1962
	2	112.0	112.0	112.0	HC	Water		1962
	3	112.0	112.0	112.0	HC	Water		1962
	4	112.0	112.0	112.0	HC	Water		1962
	5	112.0	112.0	112.0	HC	Water		1962
	6	112.0	112.0	112.0	HC	Water		1963
	7	112.0	112.0	112.0	HC	Water		1963
Vermillion City of								
Vermillion (Clay)	1	0.4	0.3	0.3	IC	FO2	Nat Gas	1931
	2	0.4	0.3	0.3	IC	FO2	Nat Gas	1931
	3	0.8	0.8	0.8	IC	FO2	Nat Gas	1938
	4	0.9	0.9	0.9	IC	FO2	Nat Gas	1947
Tennessee								
Tapoco Inc								
Calderwood (Blount)	1	40.5	38.0	38.0	HC	Water		1930
	2	40.5	38.0	38.0	HC	Water		1957
	3	40.5	38.0	38.0	HC	Water		1938
Chilhowee (Blount)	1	16.7	17.7	17.7	HC	Water		1957
	2	16.7	17.7	17.7	HC	Water		1957
	3	16.7	17.7	17.7	HC	Water		1957
Tennessee Valley Authority								
Allen (Shelby)	GT1	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT2	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT3	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT4	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT5	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT6	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT7	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT8	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	GT9	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	G10	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	G11	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	G12	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	G13	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	G14	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	G15	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	G16	23.9	19.6	23.3	GT	Nat Gas	FO2	1971
	G17	59.6	50.6	59.2	GT	Nat Gas	FO2	1972
	G18	59.6	50.6	59.2	GT	Nat Gas	FO2	1972

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Tennessee								
Tennessee Valley Authority								
	G19	59.6	50.6	59.2	GT	Nat Gas	FO2	1972
	G20	59.6	50.6	59.2	GT	Nat Gas	FO2	1972
	1	330.0	291.0	293.0	ST	BIT		1964
	2	330.0	291.0	293.0	ST	BIT		1964
	3	330.0	291.0	293.0	ST	BIT		1964
Boone (Sullivan)	1	26.4	23.0	18.0	HC	Water		1953
	2	25.0	23.0	18.0	HC	Water		1953
	3	25.0	24.0	18.0	HC	Water		1952
Bull Run (Anderson)	1	950.0	900.0	905.0	ST	BIT		1967
Cherokee (Jefferson)	1	33.5	33.8	18.8	HC	Water		1942
	2	34.7	33.8	18.8	HC	Water		1952
	3	34.7	33.8	18.8	HC	Water		1942
	4	32.4	33.8	18.8	HC	Water		1953
Chickamauga (Hamilton)	1	30.0	31.0	31.0	HC	Water		1940
	2	30.0	31.0	31.0	HC	Water		1940
	3	30.0	31.0	31.0	HC	Water		1939
	4	30.0	31.0	31.0	HC	Water		1951
Cumberland (Stewart)	1	1300.0	1269.0	1269.0	ST	BIT		1972
	2	1300.0	1269.0	1269.0	ST	BIT		1973
Douglas (Sevier)	1	31.5	30.0	17.0	HC	Water		1943
	2	28.8	25.0	12.0	HC	Water		1949
	3	31.5	30.0	17.0	HC	Water		1942
	4	28.8	25.0	12.0	HC	Water		1954
Fort Loudoun (Loudon)	1	35.6	34.0	34.0	HC	Water		1943
	2	34.2	36.0	36.0	HC	Water		1943
	3	34.2	34.0	34.0	HC	Water		1948
	4	35.2	36.0	36.0	HC	Water		1948
Fort Patrick Henry (Sullivan)	1	18.0	18.0	18.0	HC	Water		1953
	2	18.0	18.0	18.0	HC	Water		1953
Gallatin (Sumner)	GT1	81.3	72.0	85.0	GT	FO2		1975
	GT2	81.3	72.0	85.0	GT	FO2		1975
	GT3	81.3	72.0	85.0	GT	FO2		1975
	GT4	81.3	72.0	85.0	GT	FO2		1975
	1	300.0	256.0	261.0	ST	BIT		1956
	2	300.0	256.0	261.0	ST	BIT		1957
	3	327.6	284.0	288.0	ST	BIT		1959
	4	327.6	284.0	288.0	ST	BIT		1959
Great Falls (Warren)	1	15.4	10.0	10.0	HC	Water		1942
	2	16.5	11.0	11.0	HC	Water		1924
John Sevier (Hawkins)	1	200.0	200.0	203.0	ST	BIT		1955
	2	200.0	200.0	203.0	ST	BIT		1955
	3	200.0	200.0	203.0	ST	BIT		1956
	4	200.0	200.0	203.0	ST	BIT		1957
Johnsonville (Humphreys)	GT1	68.0	54.0	63.0	GT	FO2		1975
	GT2	68.0	54.0	63.0	GT	FO2		1975
	GT3	68.0	54.0	63.0	GT	FO2		1975
	GT4	68.0	54.0	63.0	GT	FO2		1975
	GT5	68.0	54.0	63.0	GT	FO2		1975
	GT6	68.0	54.0	63.0	GT	FO2		1975
	GT7	68.0	54.0	63.0	GT	FO2		1975
	GT8	68.0	54.0	63.0	GT	FO2		1975
	GT9	68.0	54.0	63.0	GT	FO2		1975
	G10	68.0	54.0	63.0	GT	FO2		1975
	G11	68.0	54.0	63.0	GT	FO2		1975
	G12	68.0	54.0	63.0	GT	FO2		1975
	G13	68.0	54.0	63.0	GT	FO2		1975
	G14	68.0	54.0	63.0	GT	FO2		1975
	G15	68.0	54.0	63.0	GT	FO2		1975
	G16	68.0	54.0	63.0	GT	FO2		1975
	1	125.0	119.0	124.0	ST	BIT		1951
	10	172.8	145.0	149.0	ST	BIT		1959
	2	125.0	119.0	124.0	ST	BIT		1951
	3	125.0	119.0	124.0	ST	BIT		1952
	4	125.0	119.0	124.0	ST	BIT		1952
	5	147.0	119.0	124.0	ST	BIT		1952
	6	147.0	119.0	124.0	ST	BIT		1953

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Tennessee								
Tennessee Valley Authority								
	7	172.8	145.0	149.0	ST	BIT		1958
	8	172.8	145.0	149.0	ST	BIT		1958
	9	172.8	145.0	149.0	ST	BIT		1959
Kingston (Roane)	1	175.0	145.0	145.0	ST	BIT		1954
	2	175.0	145.0	145.0	ST	BIT		1954
	3	175.0	145.0	145.0	ST	BIT		1954
	4	175.0	145.0	145.0	ST	BIT		1954
	5	200.0	200.0	203.0	ST	BIT		1954
	6	200.0	200.0	203.0	ST	BIT		1955
	7	200.0	200.0	203.0	ST	BIT		1955
	8	200.0	200.0	203.0	ST	BIT		1955
	9	200.0	200.0	203.0	ST	BIT		1955
Melton Hill (Loudon)	1	36.0	37.5	37.5	HC	Water		1964
	2	36.0	37.5	37.5	HC	Water		1964
Nickajack (Marion)	1	27.5	24.0	24.0	HC	Water		1968
	2	27.9	24.0	24.0	HC	Water		1968
	3	24.3	24.0	24.0	HC	Water		1967
	4	24.3	24.0	24.0	HC	Water		1967
Norris (Campbell)	1	50.4	50.0	28.5	HC	Water		1936
	2	50.4	50.0	28.5	HC	Water		1936
Ocoee 1 (Polk)	1	3.6	4.4	4.4	HC	Water		1911
	2	3.6	4.4	4.4	HC	Water		1911
	3	3.6	4.4	4.4	HC	Water		1912
	4	3.6	4.4	4.4	HC	Water		1912
	5	3.6	4.4	4.4	HC	Water		1911
Ocoee 2 (Polk)	1	10.5	9.0	9.0	HC	Water		1913
	2	10.5	9.0	9.0	HC	Water		1950
Ocoee 3 (Polk)	1	28.8	27.0	27.0	HC	Water		1943
Pickwick (Hardin)	1	40.0	37.4	37.4	HC	Water		1938
	2	40.0	37.4	37.4	HC	Water		1938
	3	40.0	41.0	41.0	HC	Water		1942
	4	40.0	37.4	37.4	HC	Water		1942
	5	40.0	37.4	37.4	HC	Water		1952
	6	40.0	37.4	37.4	HC	Water		1952
Raccoon Mountain (Hamilton)	1	382.5	383.0	383.0	HR	Water		1978
	2	382.5	383.0	383.0	HR	Water		1978
	3	382.5	383.0	383.0	HR	Water		1978
	4	382.5	383.0	383.0	HR	Water		1979
Sequoyah (Hamilton)	1	1220.6	1148.0	1148.0	NP	Uranium		1980
	2	1220.6	1148.0	1148.0	NP	Uranium		1981
South Holston (Sullivan)	1	35.0	40.0	22.0	HC	Water		1950
Tims Ford (Franklin)	1	45.0	40.0	40.0	HC	Water		1971,
	2	0.7	0.5	0.5	HC	Water		1986
Watauga (Carter)	1	28.8	30.0	19.0	HC	Water		1949
	2	28.8	30.0	19.0	HC	Water		1949
Watts Bar (Rhea)	HY1	33.3	35.0	35.0	HC	Water		1942
	HY2	33.3	35.0	35.0	HC	Water		1942
	HY3	33.3	35.0	35.0	HC	Water		1941
	HY4	33.3	35.0	35.0	HC	Water		1944
	HY5	33.3	35.0	35.0	HC	Water		1943
Watts Bar (Rhea)	ST1	60.0	56.0	56.0	ST	BIT		1942
	ST2	60.0	56.0	56.0	ST	BIT		1942
	ST3	60.0	56.0	56.0	ST	BIT		1943
	ST4	60.0	56.0	56.0	ST	BIT		1945
Wilbur (Carter)	1	1.3	1.3	1.3	HC	Water		1912
	2	1.3	1.3	1.3	HC	Water		1912
	3	1.2	1.3	1.3	HC	Water		1925
	4	7.0	7.2	7.2	HC	Water		1950
USCE-Nashville District								
Center Hill (De Kalb)	1	45.0	52.0	52.0	HC	Water		1950
	2	45.0	52.0	52.0	HC	Water		1950
	3	45.0	52.0	52.0	HC	Water		1951
Cheatham (Dickson)	1	12.0	13.8	13.8	HC	Water		1958
	2	12.0	13.8	13.8	HC	Water		1958
	3	12.0	13.8	13.8	HC	Water		1958

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Tennessee								
USCE-Nashville District								
Cordell Hull (Smith)	1	33.3	38.0	38.0	HC	Water		1973
	2	33.3	38.0	38.0	HC	Water		1973
	3	33.3	38.0	38.0	HC	Water		1973
Dale Hollow (Clay)	1	18.0	20.7	20.7	HC	Water		1948
	2	18.0	20.7	20.7	HC	Water		1948
	3	18.0	20.7	20.7	HC	Water		1953
J P Priest (Davidson)	1	28.0	30.0	30.0	HC	Water		1969
Old Hickory (Sumner)	1	25.0	25.0	25.0	HC	Water		1957
	2	25.0	29.0	29.0	HC	Water		1957
	3	25.0	29.0	29.0	HC	Water		1957
	4	25.0	29.0	29.0	HC	Water		1957
Texas								
Austin City of								
Decker Creek (Travis)	GT1	51.6	50.0	50.0	GT	Nat Gas	FO2	1988
	GT2	51.6	50.0	50.0	GT	Nat Gas	FO2	1988
	GT3	51.6	50.0	50.0	GT	Nat Gas	FO2	1988
	GT4	51.6	50.0	50.0	GT	Nat Gas	FO2	1988
	PV3	0.3	0.3	0.3	SP	SUN		1986
	1	348.0	325.0	325.0	ST	Nat Gas	FO2	1970
	2	440.0	400.0	400.0	ST	Nat Gas	FO2	1977
Holly Street (Travis)	1	113.0	100.0	100.0	ST	Nat Gas	FO5	1960
	2	113.0	100.0	100.0	ST	Nat Gas	FO5	1964
	3	190.0	165.0	165.0	ST	Nat Gas	FO5	1966
	4	210.0	190.0	190.0	ST	Nat Gas	FO2	1974
Seaholm (Travis)	5	20.0	20.0	20.0	ST	Nat Gas	FO5	1951
	6	20.0	20.0	20.0	ST	Nat Gas	FO5	1951
	7	20.0	20.0	20.0	ST	Nat Gas	FO5	1955
	8	20.0	20.0	20.0	ST	Nat Gas	FO5	1955
	9	40.0	40.0	40.0	ST	Nat Gas	FO5	1958
Brady City of								
Brady (McCulloch)	IC7	2.9	2.2	2.2	IC	FO2		1973
	IC8	3.0	2.0	2.0	IC	Nat Gas	FO2	1976
	IC9	3.0	2.3	2.3	IC	Nat Gas	FO2	1976
	1	3.2	2.4	2.4	IC	Nat Gas	FO2	1964
	4	2.5	1.2	1.2	IC	Nat Gas	FO2	1952
	5	1.3	0.5	0.5	IC	Nat Gas	FO2	1962
	6	1.3	0.5	0.5	IC	Nat Gas	FO2	1962
Brazos Electric Power Coop Inc								
North Texas (Parker)	1	16.5	18.0	18.0	ST	Nat Gas	FO6	1958
	2	16.5	18.0	18.0	ST	Nat Gas	FO6	1958
	3	38.0	39.0	39.0	ST	Nat Gas	FO6	1963
R W Miller (Palo Pinto)	1	66.0	75.0	75.0	ST	Nat Gas	FO2	1968
	2	100.0	116.0	116.0	ST	Nat Gas	FO2	1972
	3	200.0	200.0	200.0	ST	Nat Gas	FO2	1975
W R Poage (Bell)	1	12.0	12.0	12.0	ST	Nat Gas	FO6	1950
	2	12.0	12.0	12.0	ST	Nat Gas	FO6	1951
Brazos River Authority								
Morris Sheppard (Palo Pinto)	1	12.5	11.5	11.5	HC	Water		1942
	2	12.5	11.5	11.5	HC	Water		1942
Brownfield City of								
Brownfield (Terry)	GT1	6.5	5.5	5.8	GT	Nat Gas	FO2	1973
	1	2.0	1.0	1.0	IC	Nat Gas	FO2	1951
	3	3.1	1.8	2.0	IC	Nat Gas	FO2	1964
	4	2.7	1.8	1.8	IC	Nat Gas	FO2	1954
	5	3.6	2.0	2.4	IC	Nat Gas	FO2	1957
	6	4.0	2.2	2.4	IC	Nat Gas	FO2	1961

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Texas								
Brownsville Public Utils Board								
Si Ray (Cameron)	5	25.0	23.8	24.1	ST	Nat Gas	FO2	1952
	6	22.0	21.0	21.0	ST	Nat Gas	FO2	1959
	7	15.0	11.0	12.5	GT	Nat Gas	FO2	1967
	8	45.0	43.0	43.0	GT	Nat Gas	FO2	1973
Bryan City of								
Bryan (Brazos)	3	13.0	12.0	12.0	ST	Nat Gas	FO2	1955
	4	24.0	22.0	22.0	ST	Nat Gas	FO2	1958
	5	25.0	25.0	25.0	ST	Nat Gas	FO2	1966
	6	54.0	50.0	50.0	ST	Nat Gas	FO2	1969
	7	22.0	21.0	21.0	GT	Nat Gas	FO2	1975
Dansby (Brazos)	1	105.0	105.0	100.0	ST	Nat Gas	FO6	1978
Central Power & Light Co								
Barney M Davis (Nueces)	1	352.8	333.0	335.0	ST	Nat Gas	FO2	1974
	2	351.0	338.0	343.0	ST	Nat Gas	FO2	1976
Coleto Creek (Goliad)	1	600.4	601.0	609.0	ST	BIT		1980
E S Joslin (Calhoun)	1	261.0	254.0	256.0	ST	Nat Gas	FO2	1971
Eagle Pass (Maverick)	1	3.2	2.0	2.0	HC	Water		1932
	2	3.2	2.0	2.0	HC	Water		1932
	3	3.2	2.0	2.0	HC	Water		1932
J L Bates (Hidalgo)	1	75.0	73.0	74.0	ST	Nat Gas	FO2	1958
	2	113.7	109.0	112.0	ST	Nat Gas	FO2	1960
La Palma (Cameron)	4	23.0	23.0	23.0	ST	Nat Gas	FO2	1947
	5	23.0	25.0	25.0	ST	Nat Gas	FO2	1949
	6	163.2	153.0	156.0	ST	Nat Gas	FO2	1970
	7	64.7	46.0	55.0	GT	Nat Gas	FO2	1975
Laredo (Webb)	1	34.5	33.0	33.0	ST	Nat Gas	FO2	1951
	2	37.5	32.0	32.0	ST	Nat Gas	FO2	1955
	3	115.2	101.0	104.0	ST	Nat Gas	FO2	1975
Lon C Hill (Nueces)	1	75.0	71.0	72.0	ST	Nat Gas	FO2	1954
	2	75.0	71.0	72.0	ST	Nat Gas	FO2	1956
	3	163.2	165.0	166.0	ST	Nat Gas	FO2	1959
	4	261.0	250.0	257.0	ST	Nat Gas	FO2	1969
Nueces Bay (Nueces)	5	34.5	34.0	34.0	ST	Nat Gas	FO2	1983
	6	180.0	168.0	173.0	ST	Nat Gas	FO2	1965
	7	351.0	342.0	343.0	ST	Nat Gas	FO2	1972
Victoria (Victoria)	4	75.0	60.0	60.0	ST	Nat Gas	FO2	1955
	5	180.0	168.0	168.0	ST	Nat Gas	FO2	1963
	6	261.0	254.0	254.0	ST	Nat Gas	FO2	1968
Coleman City of								
Coleman (Coleman)	IC1	1.5	1.3	1.4	IC	Nat Gas	FO2	1955
	IC2	1.0	1.0	1.0	IC	Nat Gas	FO2	1959
	IC3	1.3	1.1	1.3	IC	Nat Gas	FO2	1951
	IC4	1.5	1.4	1.4	IC	Nat Gas	FO2	1963
	IC5	2.2	1.8	1.9	IC	Nat Gas	FO2	1968
	IC6	2.5	2.3	2.4	IC	Nat Gas	FO2	1973
	IC7	1.5	1.3	1.4	IC	Nat Gas	FO2	1978
	IC8	1.4	0.8	1.0	IC	Nat Gas	FO2	1980
	IC9	4.0	3.6	4.0	IC	Nat Gas	FO2	1986
Denton City of								
Spencer (Denton)	1	12.7	11.5	11.5	ST	Nat Gas		1955
	2	12.7	11.5	11.5	ST	Nat Gas		1955
	3	22.0	26.0	26.0	ST	Nat Gas	FO2	1962
	4	61.2	59.0	59.0	ST	Nat Gas	FO2	1966
	5	65.5	61.0	61.0	ST	Nat Gas	FO2	1973
El Paso Electric Co								
Copper (El Paso)	1	80.5	69.4	71.1	GT	Nat Gas	FO2	1980
Newman (El Paso)	CT1	85.0	62.8	66.9	CT	Nat Gas	O2	1975
	CT2	85.0	62.8	66.9	CT	Nat Gas	FO2	1975
	1	81.6	81.9	83.1	ST	Nat Gas	FO2	1960
	2	81.6	81.0	82.2	ST	Nat Gas	FO2	1963

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Texas								
El Paso Electric Co								
	3	121.8	103.0	104.1	ST	Nat Gas	FO2	1966
	4	120.0	86.0	86.0	CW	WH		1975
Electra City of								
Electra (Wichita)	3	0.2	0.2	0.2	IC	Nat Gas	FO2	1939
	4	0.2	0.2	0.2	IC	Nat Gas	FO2	1939
	5	0.5	0.5	0.5	IC	Nat Gas	FO2	1945
	6	0.5	0.5	0.5	IC	Nat Gas	FO2	1947
	7	1.5	1.3	1.3	IC	Nat Gas		1953
	8	1.3	1.3	1.3	IC	Nat Gas	FO2	1959
Floydada City of								
Floydada (Floyd)	1	0.6	0.5	0.5	IC	Nat Gas	FO2	1948
	2	1.3	1.0	1.0	IC	Nat Gas		1952
	3	1.3	1.0	1.0	IC	Nat Gas	FO2	1958
	4	1.3	1.0	1.0	IC	Nat Gas	FO2	1974
	5	1.3	1.0	1.0	IC	Nat Gas	FO2	1974
	6	2.0	1.4	1.5	IC	Nat Gas		1976
Garland City of								
C E Newman (Dallas)	1	7.5	8.0	8.0	ST	Nat Gas	FO2	1957
	2	7.5	8.0	8.0	ST	Nat Gas	FO2	1957
	3	18.8	17.0	17.0	ST	Nat Gas	FO2	1960
	4	18.8	19.0	19.0	ST	Nat Gas	FO2	1961
	5	44.0	42.0	42.0	ST	Nat Gas	FO6	1963
Ray Olinger (Collin)	1	75.0	75.0	75.0	ST	Nat Gas	FO2	1967
	2	113.4	110.0	110.0	ST	Nat Gas	FO6	1970
	3	156.6	146.0	146.0	ST	Nat Gas	FO6	1976
Greenville City of								
Clark Street Plant (Hunt)	IC1	0.9	0.5	0.5	IC	FO2		1933
	IC2	1.3	0.6	0.6	IC	FO2		1933
	IC3	1.8	0.9	0.9	IC	FO2		1938
	4	2.1	1.1	1.1	IC	Nat Gas		1942
	5	2.5	1.3	1.3	IC	Nat Gas		1947
	6	4.4	3.2	3.2	IC	Nat Gas	FO2	1951
	7	4.1	3.2	3.2	IC	Nat Gas	FO2	1953
	8	6.3	4.2	4.2	IC	Nat Gas	FO2	1961
Powerlane Plant (Hunt)	ST1	22.1	19.0	19.0	ST	Nat Gas	FO2	1966
	ST2	29.4	26.0	26.0	ST	Nat Gas	FO2	1969
	ST3	48.0	42.0	42.0	ST	Nat Gas	FO2	1977
Guadalupe Blanco River Auth								
Abbott TP 3 (Guadalupe)	1	1.4	1.4	1.4	HC	Water		1927
	2	1.4	1.4	1.4	HC	Water		1927
Dunlap TP 1 (Guadalupe)	1	1.8	1.8	1.8	HC	Water		1927
	2	1.8	1.8	1.8	HC	Water		1927
H 4 (Gonzales)	1	2.4	2.4	2.4	HC	Water		1931
H 5 (Gonzales)	1	2.4	2.4	2.4	HC	Water		1931
Nolte (Guadalupe)	1	1.2	1.2	1.2	HC	Water		1927
	2	1.2	1.2	1.2	HC	Water		1927
TP 4 (Guadalupe)	1	2.4	2.4	2.4	HC	Water		1932
Gulf States Utilities Co								
Lewis Creek (Montgomery)	1	271.4	265.0	265.0	ST	Nat Gas	FO2	1970
	2	271.4	265.0	265.0	ST	Nat Gas	FO2	1971
Neches (Jefferson)	4	44.0	46.0	46.0	ST	Nat Gas		1349
	5	69.1	66.0	66.0	ST	Nat Gas		1951
	6	69.1	66.0	66.0	ST	Nat Gas		1952
	8	113.6	111.0	111.0	ST	Nat Gas	FO2	1959
Sabine (Orange)	1	239.4	230.0	230.0	ST	Nat Gas		1962
	2	239.4	230.0	230.0	ST	Nat Gas		1962
	3	473.3	430.0	430.0	ST	Nat Gas	FO2	1966
	4	591.6	568.0	568.0	ST	Nat Gas		1974
	5	507.4	488.0	488.0	ST	Nat Gas	FO6	1979

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Texas								
Gulf States Utilities Co								
Toledo Bend (Newton)	1*	40.5	40.5	40.5	HC	Water		1968
	2*	40.5	40.5	40.5	HC	Water		1968
Hearne City of								
Hearne (Robertson)	1	2.5	2.5	2.5	IC	Nat Gas	FO2	1967
	2	1.2	1.2	1.2	IC	Nat Gas		1950
	4	1.4	1.4	1.4	IC	Nat Gas		1969
	5	2.0	2.0	2.0	IC	Nat Gas		1946
	6	0.7	0.7	0.7	IC	Nat Gas		1946
Houston Lighting & Power Co								
Cedar Bayou (Chambers)	1	765.0	750.0	750.0	ST	Nat Gas	FO6	1970
	2	765.0	750.0	750.0	ST	Nat Gas	FO6	1971
	3	765.0	750.0	750.0	ST	Nat Gas	FO6	1974
Deepwater (Harris)	7	187.9	178.0	178.0	ST	Nat Gas		1955
Greens Bayou (Harris)	5	446.4	406.0	406.0	ST	Nat Gas	FO6	1973
	73	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	74	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	81	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	82	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	83	72.0	54.0	54.0	GT	Nat Gas	FO2	1976
	84	72.0	64.0	64.0	GT	Nat Gas	FO2	1976
Hiram Clarke (Harris)	GT1	16.0	13.0	13.0	GT	Nat Gas		1968
	GT2	16.0	13.0	13.0	GT	Nat Gas		1968
	GT3	16.0	13.0	13.0	GT	Nat Gas		1968
	GT4	16.0	13.0	13.0	GT	Nat Gas		1968
	5	16.0	13.0	13.0	GT	Nat Gas		1968
	6	16.0	13.0	13.0	GT	Nat Gas		1968
Limestone (Limestone)	1	813.4	720.0	720.0	ST	LIG		1985
	2	813.4	720.0	720.0	ST	LIG		1986
P H Robinson (Galveston)	GT1	16.3	13.0	13.0	GT	Nat Gas		1967
	1	484.5	480.0	480.0	ST	Nat Gas		1966
	2	484.5	470.0	470.0	ST	Nat Gas		1967
	3	580.5	562.0	562.0	ST	Nat Gas		1968
	4	765.0	749.0	749.0	ST	Nat Gas	FO6	1973
Sam Bertron (Harris)	GT1	32.6	23.0	23.0	GT	Nat Gas		1967
	GT2	16.3	13.0	13.0	GT	Nat Gas		1967
	ST1	187.9	174.0	174.0	ST	Nat Gas	FO6	1958
	ST2	187.9	174.0	174.0	ST	Nat Gas	FO6	1956
	3	225.3	230.0	230.0	ST	Nat Gas	FO6	1959
	4	225.3	230.0	230.0	ST	Nat Gas	FO6	1960
South Texas (Matagorda)	1*	1354.3	1250.6	1250.6	NP	Uranium		1988
T H Wharton (Harris)	G1	16.3	13.0	13.0	GT	Nat Gas		1967
	2	247.8	229.0	229.0	ST	Nat Gas	FO2	1960
	3	113.1	89.0	89.0	CW	WH		1974
	31	51.3	48.0	48.0	CT	Nat Gas		1972
	32	51.3	48.0	48.0	CT	Nat Gas		1972
	33	51.3	48.0	48.0	CT	Nat Gas		1972
	34	51.3	48.0	48.0	CT	Nat Gas		1972
	4	113.1	89.0	89.0	CW	WH		1974
	41	51.3	48.0	48.0	CT	Nat Gas		1972
	42	51.3	48.0	48.0	CT	Nat Gas		1972
	43	56.7	48.0	48.0	CT	Nat Gas		1974
	44	56.7	48.0	48.0	CT	Nat Gas		1974
	51	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	52	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	53	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	54	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	55	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
	56	85.0	58.0	58.0	GT	Nat Gas	FO2	1975
W A Parish (Fort Bend)	GT1	16.3	13.0	13.0	GT	Nat Gas		1967
	1	187.9	176.0	176.0	ST	Nat Gas		1958
	2	187.9	176.0	176.0	ST	Nat Gas		1958
	3	299.2	278.0	278.0	ST	Nat Gas		1961
	4	580.5	552.0	552.0	ST	Nat Gas		1968
	5	734.1	630.0	630.0	ST	SUB	Nat Gas	1977

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Texas								
Houston Lighting & Power Co								
	6	734.1	630.0	630.0	ST	SUB	Nat Gas	1978
	7	614.6	540.0	540.0	ST	SUB		1980
	8	614.6	535.0	535.0	ST	SUB		1982
Webster (Harris)	GT1	16.3	13.0	13.0	GT	Nat Gas		1967
	3	410.0	374.0	374.0	ST	Nat Gas		1965
International Bound & Wtr Comm								
Amistad Dam & Power (Val Verde)	1	33.0	35.0	16.5	HC	Water		1983
	2	33.0	35.0	16.5	HC	Water		1983
Falcon Dam & Power (Starr)	1	10.5	13.0	6.0	HC	Water		1954
	2	10.5	13.0	6.0	HC	Water		1954
	3	10.5	13.0	6.0	HC	Water		1954
Lower Colorado River Authority								
Austin (Travis)	1	6.8	7.0	7.0	HC	Water		1941
	2	6.8	7.0	7.0	HC	Water		1941
Buchanan (Burnet)	1	11.3	12.0	12.0	HC	Water		1938
	2	11.3	12.0	12.0	HC	Water		1938
	3	11.3	12.0	12.0	HC	Water		1938
Granite Shoals (Burnet)	1	22.5	26.0	26.0	HC	Water		1951
	2	22.5	26.0	26.0	HC	Water		1951
Inks (Burnet)	1	12.5	12.0	12.0	HC	Water		1938
Marble Falls (Burnet)	1	15.0	16.0	16.0	HC	Water		1951
	2	15.0	16.0	16.0	HC	Water		1951
Marshall Ford (Travis)	1	34.0	30.6	30.6	HC	Water		1941
	2	22.5	22.5	22.5	HC	Water		1941
	3	34.0	30.6	30.6	HC	Water		1941
Sam Seymour (Fayette)	1*	615.0	590.0	590.0	ST	SUB	LIG	1979
	2*	615.0	565.0	565.0	ST	SUB	LIG	1980
	3	460.0	405.0	405.0	ST	SUB	LIG	1988
Sim Gideon (Bastrop)	1	144.0	135.0	135.0	ST	Nat Gas	FO2	1965
	2	144.0	135.0	135.0	ST	Nat Gas	FO2	1968
	3	351.0	335.0	335.0	ST	Nat Gas	FO2	1972
T C Ferguson (Llano)	1	446.0	425.0	425.0	ST	Nat Gas	FO2	1974
Lubbock City of								
Holly Ave (Lubbock)	GT1	12.5	11.0	12.5	GT	Nat Gas	FO2	1964
	GT2	18.5	16.0	18.5	GT	Nat Gas		1971
	GT3	22.0	18.0	22.0	GT	Nat Gas	FO2	1974
	1	50.0	50.0	50.0	ST	Nat Gas	FO2	1965
	2	53.7	53.6	53.6	ST	Nat Gas	FO6	1978
Plant 2 (Lubbock)	4	11.5	11.5	11.5	ST	Nat Gas	FO2	1952
	5	11.5	11.5	11.5	ST	Nat Gas	FO2	1953
	7	22.0	22.0	22.0	ST	Nat Gas	FO2	1959
Medina Electric Coop Inc								
Pearsall (Frio)	1	22.0	25.0	25.0	ST	Nat Gas	FO2	1961
	2	22.0	25.0	25.0	ST	Nat Gas	FO2	1961
	3	22.0	25.0	25.0	ST	Nat Gas	FO2	1961
Robstown City of								
Robstown (Nueces)	10	4.2	3.5	3.5	IC	Nat Gas	FO2	1967
	11	5.0	4.0	4.0	IC	Nat Gas	FO2	1972
	3	2.5	2.1	2.1	IC	Nat Gas	FO2	1958
	4	2.4	2.0	2.0	IC	Nat Gas	FO2	1979
	5	2.4	2.0	2.0	IC	Nat Gas	FO2	1979
	7	1.0	0.9	0.9	IC	Nat Gas	FO2	1955
	8	1.0	0.9	0.9	IC	Nat Gas	FO2	1956
	9	2.6	2.2	2.2	IC	Nat Gas	FO2	1962
San Antonio City of								
J T Deely (Bexar)	1	446.0	405.0	405.0	ST	SUB	FO2	1977
	2	446.0	405.0	405.0	ST	SUB	FO2	1978
Leon Creek (Bexar)	3	75.0	65.0	65.0	ST	Nat Gas	FO6	1953
	4	114.0	100.0	100.0	ST	Nat Gas	FO6	1959
Mission Road (Bexar)	3	114.0	100.0	100.0	ST	Nat Gas	FO6	1958

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Texas								
San Antonio City of								
O W Sommers (Bexar)	1	446.0	430.0	430.0	ST	Nat Gas	FO6	1972
	2	446.0	420.0	420.0	ST	Nat Gas	FO6	1973
V H Braunig (Bexar)	1	225.0	220.0	220.0	ST	Nat Gas	FO6	1966
	2	252.0	230.0	230.0	ST	Nat Gas	FO6	1968
	3	417.0	400.0	400.0	ST	Nat Gas	FO6	1970
W B Tuttle (Bexar)	1	75.0	65.0	65.0	ST	Nat Gas	FO6	1954
	2	114.0	100.0	100.0	ST	Nat Gas	FO6	1956
	3	114.0	100.0	100.0	ST	Nat Gas	FO6	1961
	4	192.0	160.0	160.0	ST	Nat Gas	FO6	1963
San Miguel Electric Coop Inc								
San Miguel (Atascosa)	1*	410.0	391.0	391.0	ST	LIG	FO2	1981
Seguin City of								
Seguin (Guadalupe)	HY1	0.3	0.3	0.3	HC	Water		1926
South Texas Electric Coop Inc								
Sam Rayburn (Victoria)	1	11.3	11.0	11.0	GT	Nat Gas	FO2	1963
	2	11.3	11.0	11.0	GT	Nat Gas	FO2	1963
	3	22.0	26.0	26.0	ST	Nat Gas	FO2	1965
Southwestern Electric Power Co								
Knox Lee (Gregg)	2	37.5	36.0	38.0	ST	Nat Gas		1950
	3	37.5	36.0	36.0	ST	Nat Gas		1952
	4	73.5	83.0	83.0	ST	Nat Gas		1956
	5	351.0	344.0	344.0	ST	Nat Gas	FO6	1974
Lone Star (Morris)	1	50.0	50.0	50.0	ST	Nat Gas	FO2	1954
Pirkey (Harrison)	1*	719.0	650.0	650.0	ST	LIG		1984
Welsh (Titus)	1	558.0	528.0	528.0	ST	SUB		1976
	2	558.0	528.0	528.0	ST	SUB		1980
	3	558.0	528.0	528.0	ST	SUB		1981
Wilkes (Marion)	1	179.5	177.0	177.0	ST	Nat Gas	FO4	1964
	2	351.0	351.0	351.0	ST	Nat Gas		1970
	3	351.0	351.0	351.0	ST	Nat Gas		1971
Southwestern Public Service Co								
Celanese (Hutchinson)	1	13.3	10.0	10.0	GT	WH		1965
	2	37.4	29.0	29.0	ST	STM		1979
Harrington Station (Potter)	1	360.0	346.0	346.0	ST	BIT	Nat Gas	1976
	2	360.0	360.0	360.0	ST	BIT	Nat Gas	1978
	3	360.0	360.0	360.0	ST	BIT	Nat Gas	1980
Jones Station (Lubbock)	1	247.5	243.0	243.0	ST	Nat Gas		1971
	2	247.5	243.0	243.0	ST	Nat Gas		1974
Nichols Station (Potter)	1	113.6	107.0	107.0	ST	Nat Gas		1960
	2	113.6	106.0	106.0	ST	Nat Gas		1962
	3	247.5	244.0	244.0	ST	Nat Gas		1968
Plant X (Lamb)	1	48.0	48.0	48.0	ST	Nat Gas		1952
	2	98.0	102.0	102.0	ST	Nat Gas		1953
	3	98.0	103.0	103.0	ST	Nat Gas		1955
	4	190.4	189.0	189.0	ST	Nat Gas		1964
Tolk Station (Lamb)	1	568.0	540.0	540.0	ST	BIT	Nat Gas	1982
	2	568.0	540.0	540.0	ST	BIT	Nat Gas	1985
Texas Municipal Power Agency								
Gibbons Creek (Grimes)	1	444.0	405.0	405.0	ST	LIG		1982
Texas Utilities Generating Co								
Big Brown (Freestone)	1	593.4	575.0	575.0	ST	LIG		1971
	2	593.4	575.0	575.0	ST	LIG		1972
Collin (Collin)	1	156.3	153.0	153.0	ST	Nat Gas	FO5	1955
Dallas (Dallas)	3	78.8	75.0	75.0	ST	Nat Gas	FO5	1954
	9	75.0	70.0	70.0	ST	Nat Gas	FO5	1951
DeCordova (Hood)	1	799.2	775.0	775.0	ST	Nat Gas	FO2	1975
Eagle Mountain (Tarrant)	1	122.5	115.0	115.0	ST	Nat Gas	FO5	1954
	2	187.5	175.0	175.0	ST	Nat Gas	FO5	1956
	3	396.2	375.0	375.0	ST	Nat Gas		1971

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Texas								
Texas Utilities Generating Co								
Graham (Young)	1	247.8	240.0	240.0	ST	Nat Gas	FO5	1960
	2	387.0	375.0	375.0	ST	Nat Gas	FO5	1969
Handley (Tarrant)	1	43.8	45.0	45.0	ST	Nat Gas	FO5	1948
	2	74.8	80.0	80.0	ST	Nat Gas	FO5	1950
	3	404.8	400.0	400.0	ST	Nat Gas	FO2	1963
	4	455.0	425.0	425.0	ST	Nat Gas	FO2	1976
	5	455.0	425.0	425.0	ST	Nat Gas	FO2	1977
Lake Creek (McLennan)	D1	2.0	2.0	2.0	IC	FO2		1966
	D2	2.0	2.0	2.0	IC	FO2		1966
	D3	2.0	2.0	2.0	IC	FO2		1966
	ST1	79.6	87.0	87.0	ST	Nat Gas	FO2	1953
	ST2	236.0	230.0	230.0	ST	Nat Gas	FO2	1959
Lake Hubbard (Dallas)	1	396.5	375.0	375.0	ST	Nat Gas	FO2	1970
	2	531.0	515.0	515.0	ST	Nat Gas	FO5	1973
Martin Lake (Rusk)	1	793.3	750.0	750.0	ST	LIG		1977
	2	793.3	750.0	750.0	ST	LIG		1978
	3	793.3	750.0	750.0	ST	LIG		1979
Monticello (Titus)	1	593.4	575.0	575.0	ST	LIG		1974
	2	593.4	575.0	575.0	ST	LIG		1975
	3	793.3	750.0	750.0	ST	LIG		1978
Morgan Creek (Mitchell)	CT1	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT2	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT3	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT4	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT5	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	CT6	89.5	65.0	80.0	GT	Nat Gas	FO2	1988
	D1	1.1	1.1	1.1	IC	FO2		1967
	D2	1.1	1.1	1.1	IC	FO2		1967
	2	18.4	22.0	22.0	ST	Nat Gas	FO5	1950
	3	46.0	44.0	44.0	ST	Nat Gas	FO5	1952
	4	75.0	70.0	70.0	ST	Nat Gas	FO5	1954
	5	170.5	175.0	175.0	ST	Nat Gas	FO5	1959
	6	517.5	500.0	500.0	ST	Nat Gas	FO5	1966
Mountain Creek (Dallas)	2	31.2	33.0	33.0	ST	Nat Gas	FO5	1945
	3	75.0	70.0	70.0	ST	Nat Gas	FO5	1949
	6	135.8	115.0	115.0	ST	Nat Gas	FO5	1956
	7	136.0	125.0	125.0	ST	Nat Gas	FO5	1958
	8	580.5	550.0	550.0	ST	Nat Gas	FO5	1967
North Lake (Dallas)	1	176.8	175.0	175.0	ST	Nat Gas	FO5	1959
	2	170.5	175.0	175.0	ST	Nat Gas	FO5	1961
	3	361.4	350.0	350.0	ST	Nat Gas	FO5	1964
North Main (Tarrant)	4	81.3	80.0	80.0	ST	Nat Gas	FO5	1952
Parkdale (Dallas)	1	79.6	87.0	87.0	ST	Nat Gas	FO5	1953
	2	125.0	115.0	115.0	ST	Nat Gas	FO5	1955
	3	136.0	125.0	125.0	ST	Nat Gas	FO5	1957
Permian Basin (Ward)	CT1	89.5	65.0	80.0	GT	Nat Gas	FO2	1987
	CT2	89.5	65.0	80.0	GT	Nat Gas	FO2	1987
	CT3	89.5	65.0	80.0	GT	Nat Gas	FO2	1987
	D1	1.1	1.1	1.1	IC	FO2		1967
	5	115.0	115.0	115.0	ST	Nat Gas	FO5	1958
	6	535.5	540.0	540.0	ST	Nat Gas	FO5	1973
River Crest (Red River)	1	112.5	110.0	110.0	ST	Nat Gas	FO5	1953
Sandow (Milam)	4	590.6	545.0	545.0	ST	LIG		1981
Stryker Creek (Cherokee)	D1	2.0	2.0	2.0	IC	FO2		1966
	D2	2.0	2.0	2.0	IC	FO2		1966
	D3	2.0	2.0	2.0	IC	FO2		1966
	D4	2.0	2.0	2.0	IC	FO2		1966
	D5	2.0	2.0	2.0	IC	FO2		1966
	ST1	176.8	175.0	175.0	ST	Nat Gas	FO5	1958
	ST2	526.7	500.0	500.0	ST	Nat Gas	FO5	1965
Tradinghouse (McLennan)	1	580.5	565.0	565.0	ST	Nat Gas	FO2	1969
	2	799.2	775.0	775.0	ST	Nat Gas	FO2	1972
Trinidad (Henderson)	D1	2.0	2.0	2.0	IC	FO2		1966
	D2	2.0	2.0	2.0	IC	FO2		1966
	5	69.0	70.0	70.0	ST	Nat Gas	FO5	1949
	6	239.4	240.0	240.0	ST	Nat Gas	FO5	1965

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Texas								
Texas Utilities Generating Co								
Valley (Fannin)	1	199.0	175.0	175.0	ST	Nat Gas	FO2	1962
	2	580.5	550.0	550.0	ST	Nat Gas	FO2	1967
	3	396.0	375.0	375.0	ST	Nat Gas		1971
Tulia City of								
Tulia (Swisher)	10	1.7	1.5	1.7	IC	Nat Gas	FO2	1971
	11	4.8	3.5	5.5	IC	Nat Gas	FO2	1974
	12	3.0	2.4	2.5	IC	Nat Gas		1979
	2	0.4	0.3	0.4	IC	Nat Gas	FO2	1949
	5	1.0	0.9	1.0	IC	Nat Gas	FO2	1953
	6	1.1	0.8	0.9	IC	Nat Gas	FO2	1957
	7	1.1	0.8	0.9	IC	Nat Gas	FO2	1957
	8	1.8	1.2	1.6	IC	Nat Gas	FO2	1963
	9	1.8	1.2	1.6	IC	Nat Gas	FO2	1963
USCE-Fort Worth District								
Sam Rayburn (Jasper)	1	26.0	26.0	26.0	HC	Water		1965
	2	26.0	26.0	26.0	HC	Water		1965
Whitney (Bosque)	1	15.0	15.0	15.0	HC	Water		1953
	2	15.0	15.0	15.0	HC	Water		1953
USCE-Tulsa District								
Denison (Grayson)	1	35.0	40.0	40.0	HC	Water		1944
	2	35.0	40.0	40.0	HC	Water		1949
Weatherford City of								
Weatherford (Parker)	4	0.8	0.8	0.8	IC	FO2		1945
	6	1.4	1.3	1.3	IC	FO2	Nat Gas	1953
	7	1.4	1.3	1.3	IC	Nat Gas	FO2	1953
	8	1.4	1.3	1.3	IC	Nat Gas	FO2	1953
West Texas Utilities Co								
Abilene (Taylor)	4	15.0	18.0	18.0	ST	Nat Gas	FO5	1949
Concho (Tom Green)	3	15.0	15.0	15.0	ST	Nat Gas	FO5	1930
Fort Phantom (Jones)	1	156.6	158.0	161.0	ST	Nat Gas	FO5	1974
	2	207.0	204.0	208.0	ST	Nat Gas	FO5	1977
Ft Stockton (Pecos)	2	6.0	5.0	6.0	GT	Nat Gas		1958
Lake Pauline (Hardeman)	1	20.0	19.0	20.0	ST	Nat Gas	FO5	1928
	2	24.4	25.8	27.0	ST	Nat Gas	FO5	1950
Oak Creek (Coke)	1	81.6	85.0	86.0	ST	Nat Gas	FO5	1962
Oklaunion (Wilbarger)	1*	663.9	665.0	665.0	ST	BIT		1986
Paint Creek (Haskell)	1	34.5	33.0	35.0	ST	Nat Gas	FO5	1958
	2	37.5	33.0	35.0	ST	Nat Gas	FO5	1955
	3	54.4	54.0	55.0	ST	Nat Gas	FO5	1959
	4	115.2	112.0	114.0	ST	Nat Gas	FO2	1971
Presidio (Presidio)	5	1.1	1.0	1.0	IC	FO2		1967
	6	1.1	1.0	1.0	IC	FO2		1967
Rio Pecos (Crockett)	4	5.0	3.0	3.5	CT	Nat Gas		1954
	5	37.5	35.0	36.0	CA	Nat Gas	FO2	1959
	6	99.0	96.0	96.0	ST	Nat Gas	FO2	1969
San Angelo (Tom Green)	1	32.6	22.0	27.0	CT	Nat Gas		1965
	2	100.8	105.0	107.0	CA	Nat Gas	FO2	1966
Vernon (Wilbarger)	1	2.5	2.0	2.0	IC	Nat Gas	FO2	1963
	2	1.4	1.0	1.0	IC	FO2	Nat Gas	1952
	3	2.0	1.0	1.0	IC	FO2	Nat Gas	1961
	4	4.1	4.0	4.0	IC	Nat Gas	FO2	1968
	7	1.4	1.0	1.0	IC	Nat Gas	FO2	1953
Whitesboro City of								
Whitesboro (Grayson)	1	1.5	1.2	1.2	IC	FO2		1959
	2	1.2	0.8	0.8	IC	Nat Gas		1955

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Utah								
Beaver City Corp								
Beaver Lower (Beaver)	2	0.3	0.2	0.2	HC	Water		1904
Beaver Upper (Beaver)	1	0.6	0.5	0.5	HC	Water		1942
Bountiful City City of								
Bountiful (Davis)	IC8	7.0	7.0	7.0	IC	Nat Gas	FO2	1986
	1	0.4	0.4	0.4	IC	Nat Gas		1939
	2	1.3	1.3	1.3	IC	Nat Gas	FO2	1959
	3	1.3	1.3	1.3	IC	Nat Gas	FO2	1959
	4	1.0	1.0	1.0	IC	Nat Gas	FO2	1955
	5	1.0	1.0	1.0	IC	Nat Gas	FO2	1956
	6	2.0	2.0	2.0	IC	Nat Gas	FO2	1961
	7	0.2	0.1	0.1	IC	FO2		1936
Echo Dam (Summit)	NA1	1.8	1.8	0.1	HC	Water		1987
	NA2	1.8	1.8	0.1	HC	Water		1987
	3	1.0	1.0	0.9	HC	Water		1987
Brigham City Corp								
Box Elder (Box Elder)	1	0.5	0.5	0.5	HC	Water		1961
Brigham City (Box Elder)	1	0.6	0.6	0.6	HC	Water		1921
	2	0.6	0.6	0.6	HC	Water		1921
Bureau of Reclamation								
Deer Creek (Wasatch)	1	2.5	2.5	1.2	HC	Water		1957
	2	2.5	2.5	1.2	HC	Water		1957
Flaming Gorge (Daggett)	1	36.0	44.0[2]	44.0[2]	HC	Water		1963
	2	36.0	-[2]	-[2]	HC	Water		1963
	3	36.0	-[2]	-[2]	HC	Water		1964
Deseret Generation & Tran Coop								
Bonanza (Uintah)	1*	400.0	425.0	425.0	ST	BIT		1986
Ephraim City of								
Hydro Plant No 3 (Sanpete)	2	0.8	0.8	0.8	HC	Water		1984
	3	2.1	2.2	2.2	HC	Water		1984
No 1 (Sanpete)	1	0.2	0.2	0.2	HC	Water		1906
Garkane Power Assn Inc								
Boulder (Garfield)	1	1.4	1.4	1.4	HC	Water		1958
	2	1.4	1.4	1.4	HC	Water		1958
	3	1.4	1.4	1.4	HC	Water		1961
Heber Light & Power Co								
Gas Generation (Wasatch)	NA1	2.4	2.4	2.4	IC	Nat Gas		1987
Lake Creek (Wasatch)	1	1.5	1.2	0.3	HL	Water		1981
Snake Creek (Wasatch)	1	0.8	0.8	0.3	HL	Water		1949
Hyrum City Corp								
Hyrum (Cache)	1	0.5	0.4	0.4	HC	Water		1931
Logan City of								
Logan Diesel (Cache)	IC2	0.8	0.5	0.5	IC	FO2		1927
	IC3	0.8	0.5	0.5	IC	FO2		1927
	IC4	1.3	0.7	0.7	IC	FO2		1935
	IC6	2.3	1.1	1.1	IC	FO2		1947
Logan Hydro (Cache)	HY1	1.3	1.2	0.5	HC	Water		1925
Logan 2 (Cache)	1	3.3	3.3	3.3	HC	Water		1986
	2	3.3	3.3	3.3	HC	Water		1986
Los Angeles City of								
Intermountain (Millard)	1*	891.9	800.0	800.0	ST	BIT		1986
	2*	891.9	800.0	800.0	ST	BIT		1987
Manti City of								
Manti Lower (Sanpete)	HC1	0.6	0.6	0.6	HL	Water		1988
	2	0.6	0.6	0.1	HL	Water		1988

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Utah								
Manti City of								
Manti Upper (Sanpete)	HC2	1.0	0.8	0.8	HC	Water		1988
	1	0.6	0.4	0.2	HC	Water		1939
Monroe City City of								
Lower (Sevier)	1	0.3	0.3	0.3	HC	Water		1928
Monroe Pumping Sta (Sevier)	1	0.1	0.1	0.1	HC	Water		1981
Upper (Sevier)	1	0.3	0.2	0.2	HC	Water		1940
Moon Lake Electric Assn Inc								
Uintah (Duchesne)	1	0.6	0.6	0.6	HC	Water		1920
	2	0.6	0.6	0.6	HC	Water		1940
Yellowstone (Duchesne)	1	0.3	0.3	0.3	HC	Water		1941
	2	0.3	0.3	0.3	HC	Water		1941
	3	0.3	0.3	0.3	HC	Water		1941
Mt Pleasant City of								
Lower (Sanpete)	1	0.2	0.2	0.1	HL	Water		1913
Upper (Sanpete)	1	0.2	0.2	0.1	HL	Water		1931
Murray City of								
Little Cottonwood (Salt-Lake)	1	2.5	2.5	0.8	HL	Water		1983
	2	2.5	2.5	0.8	HL	Water		1983
Murray Diesel (Salt Lake)	2	0.5	0.5	0.5	IC	FO2		1937
	3	2.2	2.0	2.0	IC	Nat Gas	FO2	1952
	4	1.0	0.9	1.0	IC	Nat Gas	FO2	1948
	5	1.0	0.9	1.0	IC	Nat Gas	FO2	1948
	6	3.0	2.3	2.5	IC	Nat Gas	FO2	1958
Parowan City Corp								
Paragonah (Iron)	1	0.6	0.4	0.3	HC	Water		1955
Parowan (Iron)	1	0.6	0.4	0.3	HC	Water		1951
Provo City Corp								
Provo (Utah)	1	2.0	2.0	2.0	ST	BIT	Nat Gas	1940
	2	2.0	2.0	2.0	ST	BIT	Nat Gas	1940
	3	2.5	2.5	2.5	ST	BIT	Nat Gas	1941
	4	7.5	7.5	7.5	ST	BIT	Nat Gas	1950
	5	2.5	2.5	2.5	IC	Nat Gas	FO2	1980
	6	2.5	2.5	2.5	IC	Nat Gas	FO2	1980
	7	2.5	2.5	2.5	IC	Nat Gas	FO2	1980
	8	2.5	2.5	2.5	IC	Nat Gas	FO2	1980
Springville City of								
Bartholomew (Utah)	1	0.5	0.5	0.0	HL	Water		1948
	2	1.0	1.0	0.9	HL	Water		1988
Hobble Creek (Utah)	1	0.3	0.3	0.3	HL	Water		1950
Spring Creek (Utah)	3	0.5	0.5	0.5	HL	Water		1987
Whitehead (Utah)	1	7.0	7.0	7.0	IC	Nat Gas	FO2	1986
	2	7.0	7.0	7.0	IC	Nat Gas	FO2	1986
St George City of								
Gunlock Hydro (Washington)	1	0.2	0.2	0.2	HC	Water		1987
	2	0.2	0.2	0.2	HC	Water		1987
No. Two Diesel (Washington)	1	7.0	7.0	7.0	IC	FO2		1987
	2	7.0	7.0	7.0	IC	FO2		1987
St George (Washington)	10	2.9	2.7	2.7	IC	FO2		1956
	6	0.4	0.3	0.3	IC	FO2		1942
	7	1.2	1.1	1.1	IC	FO2		1947
	8	1.3	1.2	1.2	IC	FO2		1949
	9	1.2	1.2	1.2	IC	FO2		1952
Strawberry Water Users Assn								
Payson (Utah)	1	0.4	0.4	0.4	HC	Water		1941
Spanish Fork (Utah)	1	1.8	1.8	1.8	HC	Water		1983

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Utah								
Strawberry Water Users Assn								
	2	1.8	1.8	1.8	HC	Water		1983
	3	0.4	0.4	0.4	HC	Water		1937
Utah Power & Light Co								
American Fork (Utah)	1	1.1	0.4	0.4	HC	Water		1954
Beaver Upper (Beaver)	1	1.3	0.3	0.3	HC	Water		1907
	2	1.2	0.3	0.3	HC	Water		1907
Blundell (Millard)	1	23.5	21.4	21.4	GE	GST		1984
Carbon (Carbon)	1	66.0	66.0	66.0	ST	BIT		1954
	2	100.0	105.0	105.0	ST	BIT		1957
Cutler (Box Elder)	1	15.0	14.6	14.6	HC	Water		1927
	2	15.0	14.6	14.6	HC	Water		1927
Fountain Green (Sanpete)	1	0.2	0.1	0.1	HC	Water		1922
	2	0.2	0.1	0.1	HC	Water		1922
Gadsby (Salt Lake)	1	66.0	66.0	66.0	ST	Nat Gas	FO6	1951
	2	75.0	75.0	75.0	ST	BIT	Nat Gas	1952
	3	100.0	105.0	105.0	ST	BIT	Nat Gas	1955
Gunlock (Washington)	1	0.9	0.5	0.5	HC	Water		1917
Hale (Utah)	2	44.0	45.0	45.0	ST	BIT	Nat Gas	1950
Hunter (Emery) (Emery)	1[*]	446.4	390.0	390.0	ST	BIT		1978
	2[*]	446.4	390.0	390.0	ST	BIT		1980
	3	447.0	400.0	400.0	ST	BIT		1983
Huntington (Emery)	1	446.4	400.0	400.0	ST	BIT	FO2	1977
	2	446.4	415.0	415.0	ST	BIT	FO2	1974
Little Mountain (Weber)	1	16.0	15.0	15.0	GT	Nat Gas	FO2	1971
Olmstead (Utah)	1	2.4	1.7	1.7	HC	Water		1904
	2	2.4	1.7	1.7	HC	Water		1904
	3	2.4	1.7	1.7	HC	Water		1904
	4	6.3	1.7	1.7	HC	Water		1922
Pioneer (Weber)	1	2.5	2.0	2.0	HC	Water		1914
	2	2.8	2.0	2.0	HC	Water		1914
Sand Cove (Washington)	1	0.8	0.5	0.5	HC	Water		1920
Snake Creek (Wasatch)	1	0.6	0.1	0.1	HC	Water		1910
	2	0.6	0.1	0.1	HC	Water		1910
Stairs (Salt Lake)	3	1.2	0.2	0.2	HC	Water		1914
Veyo (Washington)	1	0.5	0.5	0.5	HC	Water		1920
Weber (Weber)	1	3.9	2.0	2.0	HC	Water		1949
Weber Basin Water Conserv Dist								
Gateway (Morgan)	1	2.0	1.5	1.0	HC	Water		1958
	2	2.0	1.5	1.0	HC	Water		1958
Wanship (Summit)	1	1.9	1.8	1.2	HC	Water		1958
Vermont								
Barton Village Inc								
West Charleston (Orleans)	IC3	1.4	1.1	1.1	IC	FO2		1956
	1	0.7	0.5	0.7	HC	Water		1931
	2	0.7	0.5	0.7	HC	Water		1948
Burlington City of								
Burlington G T (Chittenden)	GT1	26.0	18.9	26.6	GT	FO2		1971
J C McNeil (Chittenden)	1[*]	50.0	47.0	50.0	ST	WD		1984
Central Vermont Pub Serv Corp								
Arnold Falls (Caledonia)	1	0.4	0.2	0.2	HC	Water		1928
Ascutney (Windsor)	GT4	13.2	11.0	15.0	GT	FO2		1961
Cavendish (Windsor)	1	0.5	0.5	0.5	HC	Water		1906
	2	0.5	0.5	0.5	HC	Water		1906
	3	0.4	0.4	0.4	HC	Water		1906
Clark Falls (Chittenden)	1	3.0	3.0	3.0	HC	Water		1936
East Barnet (Caledonia)	1	2.2	1.3	1.3	HC	Water		1984
Fairfax Falls (Franklin)	1	1.4	1.6	1.6	HC	Water		1918
	2	1.4	1.6	1.6	HC	Water		1918
Gage (Caledonia)	1	0.3	0.2	0.2	HC	Water		1920
	2	0.4	0.4	0.4	HC	Water		1921

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Vermont								
Central Vermont Pub Serv Corp								
Glen (Rutland)	1	1.0	1.0	1.0	HC	Water		1920
	2	1.0	1.0	1.0	HC	Water		1920
Lower Middlebury (Addison)	1	0.8	0.5	0.5	HC	Water		1917
	2	0.8	0.5	0.5	HC	Water		1917
	3	0.8	0.5	0.5	HC	Water		1917
Milton (Chittenden)	1	3.0	3.1	3.1	HC	Water		1928
	2	3.0	3.2	3.2	HC	Water		1929
Passumpsic (Caledonia)	1	0.7	0.6	0.6	HC	Water		1929
Patch (Rutland)	1	0.4	0.3	0.3	HC	Water		1920
Peterson (Chittenden)	1	5.0	6.0	6.0	HC	Water		1947
Pierce Mills (Caledonia)	1	0.3	0.1	0.1	HC	Water		1927
Pittsford (Rutland)	1	1.3	1.1	1.1	HC	Water		1913
	2	1.3	1.1	1.1	HC	Water		1913
	3	1.0	1.0	1.0	HC	Water		1913
Rutland (Rutland)	GT5	13.2	11.0	15.0	GT	FO2		1962
Salisbury (Addison)	1	1.3	1.3	1.3	HC	Water		1916
Silver Lake (Addison)	1	2.2	2.3	2.3	HC	Water		1916
Smith (Orange)	HC2	0.5	0.3	0.3	HC	Water		1982
	1	1.0	0.7	0.7	HC	Water		1982
St Albans (Franklin)	IC1	1.3	1.2	1.2	IC	FO2		1950
	IC2	1.3	1.1	1.1	IC	FO2		1950
Taftsville (Windsor)	1	0.5	0.3	0.3	HC	Water		1942
Weybridge (Addison)	1	3.0	3.2	3.2	HC	Water		1950
Citizens Utilities Co								
Charleston (Orleans)	1	0.8	0.8	0.8	HC	Water		1922
Newport (Orleans)	1	1.7	1.6	1.6	HC	Water		1940
	11	1.9	1.6	1.6	HC	Water		1956
	2	1.7	1.6	1.6	HC	Water		1944
	3	0.6	0.5	0.5	HC	Water		1936
Newport Diesel (Orleans)	10	1.1	1.0	1.0	IC	FO2		1954
	4	0.9	0.9	0.9	IC	FO2		1948
	5	0.9	0.9	0.9	IC	FO2		1948
	6	0.9	0.9	0.9	IC	FO2		1948
	7	0.9	0.9	0.9	IC	FO2		1948
	8	1.1	1.0	1.0	IC	FO2		1954
	9	1.1	1.0	1.0	IC	FO2		1954
Troy (Orleans)	1	0.6	0.6	0.6	HC	Water		1925
Enosburg Falls Village of								
Diesel Plant 1 (Franklin)	IC1	0.7	0.7	0.7	IC	FO2		1949
	IC2	0.2	0.2	0.2	IC	FO2		1938
Kendall (Franklin)	HY1	0.2	0.1	0.1	HC	Water		1928
Village Plant (Franklin)	HY1	0.6	0.6	0.6	HC	Water		1944
Green Mountain Power Corp								
Berlin 5 (Washington)	GT1	48.6	44.4	56.5	GT	KER		1972
Bolton Falls (Washington)	1	4.4	3.6	3.9	HC	Water		1986
	2	4.4	4.0	4.0	HC	Water		1986
Colchester 16 (Chittenden)	GT1	17.0	10.0	15.5	GT	FO2		1965
Essex Junction 19 (Chittenden)	H1	1.8	1.9	1.9	HC	Water		1917
	H2	1.8	1.9	1.9	HC	Water		1917
	H3	1.8	1.9	1.9	HC	Water		1917
	H4	1.8	1.9	1.9	HC	Water		1917
	IC5	1.0	1.0	1.0	IC	FO2		1947
	IC6	1.0	1.0	1.0	IC	FO2		1947
	IC7	1.0	1.0	1.0	IC	FO2		1947
	IC8	1.0	1.0	1.0	IC	FO2		1947
Gorge 18 (Chittenden)	1	3.0	3.3	3.3	HC	Water		1928
Marshfield 6 (Washington)	1	5.0	5.0	5.0	HC	Water		1927
Middlesex 2 (Washington)	1	1.6	1.7	1.7	HC	Water		1928
	2	1.6	1.7	1.7	HC	Water		1928
Vergennes 9 (Addison)	1	0.7	0.6	0.6	HC	Water		1912
	2	0.7	0.6	0.5	HC	Water		1912
	4	1.0	0.9	0.9	HC	Water		1943
	5	2.0	2.0	2.0	IC	FO2		1963

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Vermont								
Green Mountain Power Corp								
	6	2.0	2.0	2.0	IC	FO2		1964
Waterbury 22 (Washington)	1	5.5	5.4	5.4	HC	Water		1953
West Danville 15 (Caledonia)	1	1.0	1.1	1.1	HC	Water		1917
Hardwick Town of								
Hardwick (Caledonia)	1	0.6	0.5	0.6	IC	FO2		1948
Wolcott (Lamoille)	1	1.0	0.8	0.8	HC	Water		1961
Lyndonville Village of								
Great Falls (Caledonia)	1	0.3	0.4	0.4	HC	Water		1915
	2	0.3	0.4	0.4	HC	Water		1915
	3	1.3	1.0	1.0	HC	Water		1978
Vail (Caledonia)	1	0.4	0.4	0.4	HC	Water		1949
Morrisville Village of								
Cadys Falls (Lamoille)	1	0.8	0.4	0.4	HC	Water		1914
	2	0.7	0.7	0.7	HC	Water		1947
Morrisville (Lamoille)	1	0.6	0.6	0.6	HC	Water		1924
	2	1.2	1.2	1.2	HC	Water		1924
W K Sanders (Lamoille)	1	0.9	0.9	0.9	HC	Water		1983
	2	0.9	0.9	0.9	HC	Water		1983
New England Power Co								
Bellows Falls (Windham)	1	13.6	47.9[2]	47.9[2]	HC	Water		1928
	2	13.6	-[2]	-[2]	HC	Water		1928
	3	13.6	-[2]	-[2]	HC	Water		1928
Harriman (Windham)	1	11.2	42.0[2]	40.0[2]	HC	Water		1924
	2	11.2	-[2]	-[2]	HC	Water		1924
	3	11.2	-[2]	-[2]	HC	Water		1924
S C Moore (Essex)	1	35.1	191.5[2]	192.0[2]	HC	Water		1957
	2	35.1	-[2]	-[2]	HC	Water		1957
	3	35.1	-[2]	-[2]	HC	Water		1957
	4	35.1	-[2]	-[2]	HC	Water		1957
Searsburg (Bennington)	1	4.2	5.0	5.0	HC	Water		1921
Wilder (Windsor)	1	16.2	40.5[2]	40.9[2]	HC	Water		1950
Public Service Co of NH								
Canaan (Essex)	1	1.1	1.1	1.1	HC	Water		1927
Swanton Village of								
Highgate Falls (Franklin)	1	0.9	0.9	0.9	HC	Water		1930
	2	0.9	0.9	0.9	HC	Water		1923
	3	2.8	2.4	2.4	HC	Water		1954
Vermont Electric Coop Inc								
North Hartland (Windsor)	1	4.0	4.0	4.0	HC	Water		1985
Vermont Marble Co								
Beldens (Addison)	HC3	4.1	4.1	4.1	HC	Water		1988
	1	0.8	0.8	0.8	HC	Water		1913
	2	0.8	0.8	0.8	HC	Water		1913
Huntington Falls (Addison)	HC3	4.1	4.1	4.1	HC	Water		1988
	1	0.8	0.8	0.8	HC	Water		1910
	2	0.8	0.8	0.8	HC	Water		1910
Proctor (Rutland)	1	1.7	1.7	1.7	HC	Water		1927
	2	0.8	0.8	0.8	HC	Water		1905
	3	0.8	0.8	0.8	HC	Water		1905
	4	0.8	0.8	0.8	HC	Water		1905
	5	3.0	3.0	3.0	HC	Water		1984
Vermont Yankee Nucl Pwr Corp								
Vermont Yankee (Windham)	1	563.4	496.0	520.0	NB	Uranium		1972

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	**Unit ID**	**Capacity**			**Unit Type**[1]	**Energy Source**[1]		**Year of Initial Operation**
		Generator Nameplate (megawatts)	**Summer Capability (megawatts)**	**Winter Capability (megawatts)**		**Primary**	**Alternate**	
Vermont								
Washington Electric Coop Inc								
Wrightsville Hy Plnt (Washington)	1	0.1	0.1	0.1	HC	Water		1985
	2	0.3	0.2	0.2	HC	Water		1985
	3	0.6	0.5	0.5	HC	Water		1985

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Virginia								
A & N Electric Coop								
Tangier (Accomack)	2	0.2	0.2	0.2	IC	FO2		1961
	3	0.7	0.7	0.7	IC	FO2		1974
	4	1.1	0.8	0.8	IC	FO2		1974
Appalachian Power Co								
Buck (Carroll)	1	2.8	10.0[2]	10.0[2]	HC	Water		1912
	2	2.8	-[2]	-[2]	HC	Water		1912
	3	2.8	-[2]	-[2]	HC	Water		1912
Byllesby 2 (Carroll)	1	5.4	5.4	5.4	HC	Water		1912
	2	5.4	5.4	5.4	HC	Water		1912
	3	5.4	5.4	5.4	HC	Water		1912
	4	5.4	5.4	5.4	HC	Water		1912
Clinch River (Russell)	1	237.5	230.0	235.0	ST	BIT		1958
	2	237.5	230.0	235.0	ST	BIT		1958
	3	237.5	230.0	235.0	ST	BIT		1961
Glen Lyn (Giles)	5	100.0	90.0	95.0	ST	BIT		1944
	6	237.5	235.0	240.0	ST	BIT		1957
Leesville (Campbell)	1	20.0	40.0[2]	40.0[2]	HC	Water		1964
	2	20.0	-[2]	-[2]	HC	Water		1964
Niagara (Roanoke)	1	1.2	3.0[2]	3.0[2]	HC	Water		1954
	2	1.2	-[2]	-[2]	HC	Water		1954
Reusens (Campbell)	1	2.5	12.0[2]	12.0[2]	HC	Water		1903
	2	2.5	-[2]	-[2]	HC	Water		1903
	3	2.5	-[2]	-[2]	HC	Water		1903
	4	2.5	-[2]	-[2]	HC	Water		1903
	5	2.5	-[2]	-[2]	HC	Water		1903
Smith Mountain (Franklin)	1	66.0	70.0	70.0	HR	Water		1965
	2	150.1	160.0	160.0	HC	Water		1965
	3	115.3	105.0	105.0	HR	Water		1980
	4	150.1	160.0	160.0	HC	Water		1965
	5	66.0	70.0	70.0	HR	Water		1965
Bedford City of								
Snowden (Amherst)	1	0.5	0.5	0.5	HC	Water		1925
	2	0.3	0.3	0.3	HC	Water		1925
	3	0.5	0.5	0.5	HC	Water		1925
	4	2.5	2.5	2.5	HC	Water		1987
	5	2.5	2.5	2.5	HC	Water		1987
Craig-Botetourt Electric Coop								
Meadow Creek (Craig)	1	0.3	0.3	0.3	HC	Water		1938
Culpeper Town of								
Culpeper (Culpeper)	1T	0.8	0.7	0.8	GT	FO2		1974
	2T	0.8	0.7	0.8	GT	FO2		1974
	4	1.5	1.2	1.3	IC	Nat Gas	FO2	1962
	5	1.2	0.8	0.9	IC	Nat Gas	FO2	1959
	6	0.9	0.7	0.8	IC	Nat Gas	FO2	1947
Danville City of								
Pinnacles (Patrick)	1	3.4	3.4	3.4	HC	Water		1938
	2	3.4	3.4	3.4	HC	Water		1938
	3	3.4	3.4	3.4	HC	Water		1938
Delmarva Power & Light Co								
Bayview (Northampton)	1	2.0	2.0	2.0	IC	FO2		1963
	2	2.0	2.0	2.0	IC	FO2		1963
	3	2.0	2.0	2.0	IC	FO2		1963
	4	2.0	2.0	2.0	IC	FO2		1963
	5	2.0	2.0	2.0	IC	FO2		1963
	6	2.0	2.0	2.0	IC	FO2		1963
Cape Charles (Northampton)	IC1	1.1	0.8	0.8	IC	FO2		1952
	IC2	1.1	0.8	0.8	IC	FO2		1952
Tasley (Accomack)	IC1	0.3	0.3	0.3	IC	FO2		1951
	IC2	0.5	0.5	0.5	IC	FO2		1952

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Virginia								
Delmarva Power & Light Co								
	IC3	0.5	0.5	0.5	IC	FO2		1965
	10	27.0	26.0	33.0	GT	FO2		1972
Martinsville City of								
Martinsville (Henry)	1	1.3	1.3	1.3	HC	Water		1924
Potomac Edison Co								
Luray (Page)	1	0.6	0.4	0.6	HC	Water		1927
	2	0.4	0.2	0.4	HC	Water		1927
	3	0.6	0.4	0.6	HC	Water		1927
Newport (Page)	1	0.4	0.2	0.4	HC	Water		1923
	2	0.4	0.2	0.4	HC	Water		1923
	3	0.6	0.4	0.6	HC	Water		1925
Shenandoah (Page)	1	0.1	0.1	0.1	HC	Water		1925
	2	0.3	0.1	0.2	HC	Water		1925
	3	0.3	0.1	0.2	HC	Water		1929
	4	0.3	0.1	0.2	HC	Water		1929
Warren (Warren)	1	0.3	0.2	0.3	HC	Water		1924
	2	0.3	0.2	0.3	HC	Water		1924
	3	0.3	0.2	0.3	HC	Water		1928
Potomac Electric Power Co								
Potomac River (Alexandria)	1	92.0	87.0	87.0	ST	BIT	FO2	1949
	2	92.0	87.0	87.0	ST	BIT	FO2	1950
	3	110.0	102.0	102.0	ST	BIT	FO2	1954
	4	110.0	102.0	102.0	ST	BIT	FO2	1956
	5	110.0	102.0	102.0	ST	BIT	FO2	1957
Radford City of								
Radford (Pulaski)	1	1.0	1.0	1.0	HC	Water		1934
USCE-Wilmington District								
John H Kerr (Mecklenburg)	1	12.0	14.0	14.0	HC	Water		1952
	2	32.0	37.0	37.0	HC	Water		1952
	3	32.0	37.0	37.0	HC	Water		1953
	4	32.0	37.0	37.0	HC	Water		1953
	5	32.0	37.0	37.0	HC	Water		1953
	6	32.0	37.0	37.0	HC	Water		1953
	7	32.0	37.0	37.0	HC	Water		1953
Philpott Lake (Henry)	1	6.7	7.5	7.5	HC	Water		1953
	2	6.7	7.5	7.5	HC	Water		1953
	3	0.6	0.6	0.6	HC	Water		1953
Virginia Electric & Power Co								
Bath County (Bath)	1[*]	350.1	350.0	350.0	HR	Water		1985
	2[*]	350.1	350.0	350.0	HR	Water		1985
	3[*]	350.1	350.0	350.0	HR	Water		1985
	4[*]	350.1	350.0	350.0	HR	Water		1985
	5[*]	350.1	350.0	350.0	HR	Water		1985
	6[*]	350.1	350.0	350.0	HR	Water		1985
Bremo Bluff (Fluvanna)	3	69.0	71.0	74.0	ST	BIT		1950
	4	185.3	156.0	160.0	ST	BIT		1958
Chesapeake (Chesapeake)	GT1	18.6	15.0	19.0	GT	Nat Gas		1967
	GT2	16.3	15.0	18.0	GT	FO2	Nat Gas	1969
	GT4	16.3	15.0	18.0	GT	FO2	Nat Gas	1969
	ST1	132.3	111.0	111.0	ST	BIT		1953
	ST2	132.3	111.0	111.0	ST	BIT		1954
	ST4	239.4	217.0	221.0	ST	BIT		1962
	10	23.8	21.0	29.0	GT	FO2	Nat Gas	1970
	3	185.3	156.0	162.0	ST	BIT		1959
	6	16.3	15.0	18.0	GT	FO2	Nat Gas	1969
	7	23.8	21.0	29.0	GT	FO2	Nat Gas	1969
	8	23.8	21.0	29.0	GT	FO2	Nat Gas	1969
	9	23.8	21.0	29.0	GT	FO2	Nat Gas	1970
Chesterfield (Chesterfield)	3	112.5	100.0	105.0	ST	BIT		1952
	4	187.5	166.0	171.0	ST	BIT		1960
	5	359.0	326.0	333.0	ST	BIT		1964

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Virginia								
Virginia Electric & Power Co								
	6	693.9	658.0	671.0	ST	BIT		1969
Cushaw (Amherst)	1	1.5	0.2	0.2	HC	Water		1930
	2	1.5	0.2	0.2	HC	Water		1930
	3	1.5	0.2	0.2	HC	Water		1930
	4	1.5	0.2	0.2	HC	Water		1930
	5	1.5	0.2	0.2	HC	Water		1930
Gravel Neck (Surry)	1	16.3	15.0	17.0	GT	FO2	Nat Gas	1970
	2	23.8	22.0	28.0	GT	FO2	Nat Gas	1970
Low Moor (Alleghany)	GT1	20.7	15.0	18.0	GT	FO2		1971
	GT2	20.7	15.0	18.0	GT	FO2		1971
	GT3	20.7	15.0	16.0	GT	FO2		1971
	GT4	20.7	15.0	16.0	GT	FO2		1971
North Anna (Louisa)	HC1	1.0	1.0	1.0	HC	Water		1987
	SP1	0.0	0.0	0.0	SP	SUN		1985
	SP2	0.0	0.0	0.0	SP	SUN		1985
	SP3	0.0	0.0	0.0	SP	SUN		1985
	1*	979.7	915.0	915.0	NP	Uranium		1978
	2*	979.7	915.0	915.0	NP	Uranium		1980
Northern Neck (Richmond)	GT1	20.7	16.0	19.0	GT	FO2		1971
	GT2	20.7	16.0	19.0	GT	FO2		1971
	GT3	20.7	16.0	19.0	GT	FO2		1971
	GT4	20.7	16.0	19.0	GT	FO2		1971
Possum Point (Prince William)	GT1	16.0	13.0	16.0	GT	FO2		1968
	GT2	16.0	13.0	16.0	GT	FO2		1968
	GT3	16.0	13.0	16.0	GT	FO2		1968
	GT4	16.0	13.0	16.0	GT	FO2		1968
	GT5	16.0	13.0	16.0	GT	FO2		1968
	GT6	16.0	13.0	16.0	GT	FO2		1968
	1	69.0	74.0	74.0	ST	FO6	BIT	1948
	2	69.0	69.0	71.0	ST	FO6	BIT	1951
	3	113.6	101.0	105.0	ST	BIT		1955
	4	239.4	221.0	221.0	ST	BIT		1962
	5	882.0	786.0	801.0	ST	FO6		1975
Surry (Surry)	1	647.5	781.0	781.0	NP	Uranium		1972
	2	847.5	781.0	781.0	NP	Uranium		1973
Yorktown (York)	1	187.5	166.0	171.0	ST	BIT		1957
	2	187.5	170.0	175.0	ST	BIT		1958
	3	882.0	818.0	820.0	ST	FO6	Nat Gas	1974
Washington								
Bureau of Reclamation								
Chandler (Benton)	1	6.0	5.0[2]	13.0[2]	HC	Water		1956
	2	6.0	-[2]	-[2]	HC	Water		1956
Grand Coulee (Grant)	LS1	10.0	30.0[13]	30.0[13]	HC	Water		1941
	LS2	10.0	-[13]	-[13]	HC	Water		1941
	LS3	10.0	-[13]	-[13]	HC	Water		1951
	PG10	53.5	314.0[14]	314.0[14]	HR	Water		1983
	PG11	53.5	-[14]	-[14]	HR	Water		1983
	PG12	53.5	-[14]	-[14]	HR	Water		1984
	PG7	50.0	-[14]	-[14]	HR	Water		1973
	PG8	50.0	-[14]	-[14]	HR	Water		1973
	PG9	53.5	-[14]	-[14]	HR	Water		1983
	1	125.0	-[15]	-[15]	HC	Water		1971
	10	125.0	6150.0[15]	6150.0[15]	HC	Water		1980
	11	125.0	-[15]	-[15]	HC	Water		1975
	12	125.0	-[15]	-[15]	HC	Water		1976
	13	125.0	-[15]	-[15]	HC	Water		1973
	14	125.0	-[15]	-[15]	HC	Water		1974
	15	125.0	-[15]	-[15]	HC	Water		1975
	16	125.0	-[15]	-[15]	HC	Water		1974
	17	125.0	-[15]	-[15]	HC	Water		1972
	18	125.0	-[15]	-[15]	HC	Water		1971
	19	600.0	-[15]	-[15]	HC	Water		1975
	2	125.0	-[15]	-[15]	HC	Water		1973
	20	600.0	-[15]	-[15]	HC	Water		1976
	21	600.0	-[15]	-[15]	HC	Water		1976

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Washington								
Bureau of Reclamation	22	700.0	-[15]	-[15]	HC	Water		1978
	23	700.0	-[15]	-[15]	HC	Water		1979
	24	700.0	-[15]	-[15]	HC	Water		1980
	3	125.0	-[15]	-[15]	HC	Water		1972
	4	125.0	-[15]	-[15]	HC	Water		1970
	5	125.0	-[15]	-[15]	HC	Water		1964
	6	125.0	-[15]	-[15]	HC	Water		1969
	7	125.0	-[15]	-[15]	HC	Water		1966
	8	125.0	-[15]	-[15]	HC	Water		1971
	9	125.0	-[15]	-[15]	HC	Water		1968
Roza (Yakima)	1	12.9	13.0	13.0	HC	Water		1958
Centralia City of								
Centralia (Thurston)	1	3.0	2.7	2.7	HC	Water		1930
	2	3.0	2.7	2.7	HC	Water		1930
	3	6.0	6.0	6.0	HC	Water		1955
Orcas Power & Light Co								
Eastsound (San Juan)	1	0.1	0.0	0.0	IC	FO2		1938
	2	0.1	0.1	0.1	IC	FO2		1938
	3	0.1	0.1	0.1	IC	FO2		1940
	4	0.5	0.5	0.5	IC	FO2		1948
	5	0.5	0.5	0.5	IC	FO2		1948
Pacific Power & Light Co								
Centralia (Lewis)	1*	664.9	638.0	638.0	ST	SUB		1971
	2*	664.9	638.0	638.0	ST	SUB		1972
Condit (Klickitat)	1	4.8	7.3	7.5	HC	Water		1913
	2	4.8	7.3	7.5	HC	Water		1913
Merwin (Cowlitz)	1	45.0	48.0	45.0	HC	Water		1931
	2	45.0	48.0	45.0	HC	Water		1949
	3	45.0	48.0	45.0	HC	Water		1958
Naches (Yakima)	2	3.0	2.1	2.1	HC	Water		1909
	4	3.4	2.4	2.4	HC	Water		1913
Naches Drop (Yakima)	1	1.4	1.2	1.2	HC	Water		1915
Swift 1 (Skamania)	HY11	68.0	89.3	68.0	HC	Water		1958
	HY12	68.0	89.3	68.0	HC	Water		1958
	HY13	68.0	89.3	68.0	HC	Water		1958
Swift 2 (Cowlitz)	21*	35.0	38.4	36.0	HC	Water		1959
	22*	35.0	38.4	36.0	HC	Water		1958
Yale (Cowlitz)	1	54.0	66.0	54.0	HC	Water		1953
	2	54.0	66.0	54.0	HC	Water		1953
Puget Sound Power & Light Co								
Crystal Mountain (Pierce)	1	2.8	2.8	2.8	IC	FO2		1969
Electron (Pierce)	1	6.0	6.0	6.0	HC	Water		1904
	2	6.0	6.0	6.0	HC	Water		1904
	3	6.0	6.0	6.0	HC	Water		1904
	4	7.5	8.0	8.0	HC	Water		1929
Frederickson (Pierce)	1	84.6	79.0	89.0	GT	Nat Gas	FO2	1981
	2	84.6	79.0	89.0	GT	Nat Gas	FO2	1981
Fredonia (Skagit)	1	123.6	108.0	123.6	GT	Nat Gas	FO2	1984
	2	123.6	108.0	123.6	GT	Nat Gas	FO2	1984
Lower Baker (Skagit)	3	64.0	71.4	67.0	HC	Water		1960
Nooksack (Whatcom)	1	1.5	1.8	1.8	HC	Water		1906
Shuffleton (King)	1	43.8	42.9	42.9	ST	FO6		1929
	2	43.8	42.9	42.9	ST	FO6		1930
Snoqualmie (King)	5	5.6	5.8	5.8	HC	Water		1905
	6	9.8	10.0	10.0	HC	Water		1910
	7	20.3	21.0	21.0	HC	Water		1957
South Whidbey (Island)	GT1	28.5	25.6	28.5	GT	FO2		1972
Upper Baker (Whatcom)	1	47.2	51.5	51.5	HC	Water		1959
	2	47.2	51.5	51.5	HC	Water		1959
White River (Pierce)	1	15.0	15.0	15.0	HC	Water		1912
	2	15.0	15.0	15.0	HC	Water		1912
	3	20.0	20.0	20.0	HC	Water		1918

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Washington								
Puget Sound Power & Light Co								
	4	20.0	20.0	20.0	HC	Water		1924
Whitehorn (Whatcom)	1	61.2	58.0	67.5	GT	FO2		1974
	2	88.9	79.0	89.0	GT	Nat Gas	FO2	1981
	3	88.9	79.0	89.0	GT	Nat Gas	FO2	1981
PUD No 1 of Chelan County								
Chelan (Chelan)	1	24.0	24.0	24.0	HC	Water		1927
	2	24.0	24.0	24.0	HC	Water		1928
Rock Island (Chelan)	A	1.2	1.2	1.2	HC	Water		1931
	1	20.7	20.7	20.7	HC	Water		1931
	10	22.5	22.5	22.5	HC	Water		1953
	11	51.3	51.3	51.3	HC	Water		1979
	12	51.3	51.3	51.3	HC	Water		1979
	13	51.3	51.3	51.3	HC	Water		1979
	14	51.3	51.3	51.3	HC	Water		1978
	15	51.3	51.3	51.3	HC	Water		1978
	16	51.3	51.3	51.3	HC	Water		1978
	17	51.3	51.3	51.3	HC	Water		1978
	18	51.3	51.3	51.3	HC	Water		1978
	2	20.7	20.7	20.7	HC	Water		1931
	3	15.0	15.0	15.0	HC	Water		1932
	4	20.7	20.7	20.7	HC	Water		1932
	5	22.5	22.5	22.5	HC	Water		1952
	6	22.5	22.5	22.5	HC	Water		1952
	7	22.5	22.5	22.5	HC	Water		1952
	8	22.5	22.5	22.5	HC	Water		1952
	9	22.5	22.5	22.5	HC	Water		1952
Rocky Reach (Chelan)	1	111.2	111.2	111.2	HC	Water		1961
	10	125.4	125.4	125.4	HC	Water		1973
	11	125.4	125.4	125.4	HC	Water		1973
	2	111.2	111.2	111.2	HC	Water		1961
	3	111.2	111.2	111.2	HC	Water		1961
	4	111.2	111.2	111.2	HC	Water		1961
	5	111.2	111.2	111.2	HC	Water		1961
	6	111.2	111.2	111.2	HC	Water		1961
	7	111.2	111.2	111.2	HC	Water		1961
	8	125.4	125.4	125.4	HC	Water		1973
	9	125.4	125.4	125.4	HC	Water		1973
PUD No 1 of Douglas County								
Wells (Douglas)	U-1	77.4	82.0	82.0	HC	Water		1967
	U-10	77.4	82.0	82.0	HC	Water		1969
	U-2	77.4	82.0	82.0	HC	Water		1967
	U-3	77.4	82.0	82.0	HC	Water		1967
	U-4	77.4	82.0	82.0	HC	Water		1967
	U-5	77.4	82.0	82.0	HC	Water		1967
	U-6	77.4	82.0	82.0	HC	Water		1967
	U-7	77.4	82.0	82.0	HC	Water		1967
	U-8	77.4	82.0	82.0	HC	Water		1968
	U-9	77.4	82.0	82.0	HC	Water		1969
PUD No 1 of Pend Oreille Cnty								
Box Canyon (Pend Oreille)	1	15.0	19.3	19.3	HC	Water		1955
	2	15.0	19.3	19.3	HC	Water		1955
	3	15.0	19.3	19.3	HC	Water		1955
	4	15.0	19.3	19.3	HC	Water		1955
Calispel Creek (Pend Oreille)	1	0.3	0.3	0.3	HC	Water		1922
	2	0.3	0.3	0.3	HC	Water		1922
PUD No 2 of Grant County								
Priest Rapids (Grant)	1	78.9	91.2	91.2	HC	Water		1961
	10	78.9	91.2	91.2	HC	Water		1959
	2	78.9	91.2	91.2	HC	Water		1961
	3	78.9	91.2	91.2	HC	Water		1960
	4	78.9	91.2	91.2	HC	Water		1960
	5	78.9	91.2	91.2	HC	Water		1960

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Washington								
PUD No 2 of Grant County								
	6	78.9	91.2	91.2	HC	Water		1959
	7	78.9	91.2	91.2	HC	Water		1959
	8	78.9	91.2	91.2	HC	Water		1959
	9	78.9	91.2	91.2	HC	Water		1959
Quincy Chute (Grant)	1	9.4	9.4	9.4	HC	Water		1984
Wanapum (Grant)	1	83.1	98.6	98.6	HC	Water		1963
	10	83.1	98.6	98.6	HC	Water		1963
	2	83.1	98.6	98.6	HC	Water		1963
	3	83.1	98.6	98.6	HC	Water		1963
	4	83.1	98.6	98.6	HC	Water		1963
	5	83.1	98.6	98.6	HC	Water		1963
	6	83.1	98.6	98.6	HC	Water		1963
	7	83.1	98.6	98.6	HC	Water		1963
	8	83.1	98.6	98.5	HC	Water		1963
	9	83.1	98.6	98.6	HC	Water		1963
Seattle City of								
Boundary (Pend Oreille)	51	158.7	167.0	167.0	HC	Water		1967
	52	158.7	167.0	167.0	HC	Water		1967
	53	158.7	167.0	167.0	HC	Water		1967
	54	158.7	167.0	167.0	HC	Water		1967
	55	199.5	210.0	210.0	HC	Water		1985
	56	199.5	210.0	210.0	HC	Water		1985
Cedar Falls (King)	5	10.0	15.0	15.0	HC	Water		1921
	6	10.0	15.0	15.0	HC	Water		1929
Diablo (Whatcom)	31	60.0	78.0	78.0	HC	Water		1937
	32	60.0	78.0	78.0	HC	Water		1936
	35	1.2	1.5	1.5	HC	Water		1936
	36	1.2	1.5	1.5	HC	Water		1936
Gorge (Whatcom)	21	36.9	32.0	32.0	HC	Water		1924
	22	36.9	32.0	32.0	HC	Water		1924
	23	36.9	32.0	32.0	HC	Water		1929
	24	60.0	79.0	79.0	HC	Water		1951
Newhalem (Whatcom)	20	2.0	2.0	2.0	HC	Water		1969
Ross Dam (Whatcom)	41	90.0	112.5	68.8	HC	Water		1956
	42	90.0	112.5	68.8	HC	Water		1954
	43	90.0	112.5	68.8	HC	Water		1953
	44	90.0	112.5	68.8	HC	Water		1952
Tacoma City of								
Alder (Pierce)	11	25.0	26.0	22.5	HC	Water		1947
	12	25.0	26.0	22.5	HC	Water		1945
Cushman 1 (Mason)	21	21.6	23.5	14.8	HC	Water		1926
	22	21.6	23.5	14.8	HC	Water		1926
Cushman 2 (Mason)	31	27.0	29.3	29.3	HC	Water		1930
	32	27.0	29.3	29.3	HC	Water		1931
	33	27.0	29.3	29.3	HC	Water		1952
La Grande (Pierce)	1	6.0	6.0	6.0	HC	Water		1912
	2	6.0	6.0	6.0	HC	Water		1912
	3	6.0	6.0	6.0	HC	Water		1912
	4	6.0	6.0	6.0	HC	Water		1912
	5	40.0	41.0	41.0	HC	Water		1945
Mayfield (Lewis)	41	40.5	43.0	43.0	HC	Water		1983
	42	40.5	43.0	43.0	HC	Water		1963
	43	40.5	43.0	43.0	HC	Water		1963
	44	40.5	43.0	43.0	HC	Water		1963
Mossyrock (Lewis)	51	150.0	192.0	166.0	HC	Water		1968
	52	150.0	192.0	166.0	HC	Water		1968
U S Bureau of Indian Affairs								
Drop No 2 (Yakima)	1	2.5	2.1	2.4	HC	Water		1942
Drop No 3 (Yakima)	1	0.9	0.6	0.8	HC	Water		1932
	2	0.9	0.5	0.8	HC	Water		1932

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Washington								
USCE-Portland District								
Chief Joseph (Douglas)	1	88.3	2337.0[2]	2337.0[2]	HC	Water		1958
	10	88.3	-[2]	-[2]	HC	Water		1955
	11	88.3	-[2]	-[2]	HC	Water		1955
	12	88.3	-[2]	-[2]	HC	Water		1955
	13	88.3	-[2]	-[2]	HC	Water		1957
	14	88.3	-[2]	-[2]	HC	Water		1957
	15	88.3	-[2]	-[2]	HC	Water		1957
	16	88.3	-[2]	-[2]	HC	Water		1957
	17	95.0	-[2]	-[2]	HC	Water		1977
	18	95.0	-[2]	-[2]	HC	Water		1977
	19	95.0	-[2]	-[2]	HC	Water		1977
	2	88.3	-[2]	-[2]	HC	Water		1958
	20	95.0	-[2]	-[2]	HC	Water		1978
	21	95.0	-[2]	-[2]	HC	Water		1978
	22	95.0	-[2]	-[2]	HC	Water		1978
	23	95.0	-[2]	-[2]	HC	Water		1978
	24	95.0	-[2]	-[2]	HC	Water		1979
	25	95.0	-[2]	-[2]	HC	Water		1979
	26	95.0	-[2]	-[2]	HC	Water		1979
	27	95.0	-[2]	-[2]	HC	Water		1979
	3	88.3	-[2]	-[2]	HC	Water		1958
	4	88.3	-[2]	-[2]	HC	Water		1958
	5	88.3	-[2]	-[2]	HC	Water		1957
	6	88.3	-[2]	-[2]	HC	Water		1956
	7	88.3	-[2]	-[2]	HC	Water		1956
	8	88.3	-[2]	-[2]	HC	Water		1956
	9	88.3	-[2]	-[2]	HC	Water		1955
Ice Harbor (Walla Walla)	1	90.0	693.0[2]	693.0[2]	HC	Water		1962
	2	90.0	-[2]	-[2]	HC	Water		1962
	3	90.0	-[2]	-[2]	HC	Water		1962
	4	111.0	-[2]	-[2]	HC	Water		1975
	5	111.0	-[2]	-[2]	HC	Water		1975
	6	111.0	-[2]	-[2]	HC	Water		1976
Little Goose (Columbia)	1	135.0	932.0[2]	932.0[2]	HC	Water		1970
	2	135.0	-[2]	-[2]	HC	Water		1970
	3	135.0	-[2]	-[2]	HC	Water		1971
	4	135.0	-[2]	-[2]	HC	Water		1978
	5	135.0	-[2]	-[2]	HC	Water		1978
	6	135.0	-[2]	-[2]	HC	Water		1978
Lower Granite (Whitman)	1	135.0	932.0[2]	932.0[2]	HC	Water		1975
	2	135.0	-[2]	-[2]	HC	Water		1975
	3	135.0	-[2]	-[2]	HC	Water		1975
	4	135.0	-[2]	-[2]	HC	Water		1978
	5	135.0	-[2]	-[2]	HC	Water		1978
	6	135.0	-[2]	-[2]	HC	Water		1978
Lower Monumental (Walla Walla)	1	135.0	932.0[2]	932.0[2]	HC	Water		1969
	2	135.0	-[2]	-[2]	HC	Water		1969
	3	135.0	-[2]	-[2]	HC	Water		1970
	4	135.0	-[2]	-[2]	HC	Water		1979
	5	135.0	-[2]	-[2]	HC	Water		1979
	6	135.0	-[2]	-[2]	HC	Water		1979
Washington Pub Pwr Supply Sys								
Packwood (Lewis)	1	27.5	30.0	30.0	HC	Water		1964
WNP (Benton)	2	1200.0	1100.0	1100.0	NB	Uranium		1984
Washington Water Power Co								
Kettle Falls (Stevens)	1	50.7	46.5	46.5	ST	WD	Nat Gas	1983
Little Falls (Lincoln)	1	8.0	9.0	9.0	HC	Water		1910
	2	8.0	9.0	9.0	HC	Water		1910
	3	8.0	9.0	9.0	HC	Water		1910
	4	8.0	9.0	9.0	HC	Water		1911
Long Lake (Lincoln)	1	17.5	18.2	18.2	HC	Water		1915
	2	17.5	18.2	18.2	HC	Water		1915
	3	17.5	18.2	18.2	HC	Water		1919
	4	17.5	18.2	18.2	HC	Water		1924

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Washington								
Washington Water Power Co								
Meyers Falls (Stevens)	1	0.9	0.9	0.9	HC	Water		1915
	2	0.3	0.4	0.4	HC	Water		1917
Monroe Street (Spokane)	1	0.8	0.8	0.8	HC	Water		1948
	2	0.7	0.8	0.8	HC	Water		1937
	3	1.3	1.3	1.3	HC	Water		1936
	4	2.3	2.3	2.3	HC	Water		1903
	5	2.3	2.3	2.3	HC	Water		1903
Nine Mile (Spokane)	1	3.0	4.6	4.6	HC	Water		1910
	2	3.0	4.6	4.6	HC	Water		1908
	3	3.0	4.6	4.6	HC	Water		1908
	4	3.0	4.6	4.6	HC	Water		1910
Northeast (Spokane)	1	61.2	58.0	68.0	GT	Nat Gas	FO2	1978
Upper Falls (Spokane)	1	10.0	10.0	10.0	HC	Water		1922
Upriver Dam (Spokane)	AC1	2.0	1.2	1.7	HC	Water		1936
	AC2	2.0	1.2	1.7	HC	Water		1936
	AC3	2.0	1.2	1.7	HC	Water		1936
	FU1	5.9	1.2	5.0	HC	Water		1984
	FU2	5.9	1.2	5.0	HC	Water		1984
West Virginia								
Appalachian Power Co								
Claytor (Kanawha)	1	18.8	76.0[2]	76.0[2]	HC	Water		1939
	2	18.8	-[2]	-[2]	HC	Water		1939
	3	18.8	-[2]	-[2]	HC	Water		1939
	4	18.8	-[2]	-[2]	HC	Water		1939
John E Amos (Putnam)	1	816.3	800.0	800.0	ST	BIT		1971
	2	816.3	800.0	800.0	ST	BIT		1972
	3*	1300.0	1300.0	1300.0	ST	BIT		1973
Kanawha River (Kanawha)	1	219.7	195.0	200.0	ST	BIT		1953
	2	219.7	195.0	200.0	ST	BIT		1953
London (Kanawha)	1	4.8	16.0[2]	16.0[2]	HC	Water		1935
	2	4.8	-[2]	-[2]	HC	Water		1935
	3	4.8	-[2]	-[2]	HC	Water		1935
Marmet (Kanawha)	1	4.8	16.0[2]	16.0[2]	HC	Water		1935
	2	4.8	-[2]	-[2]	HC	Water		1935
	3	4.8	-[2]	-[2]	HC	Water		1935
Mountaineer (1301) (Mason)	1	1300.0	1300.0	1300.0	ST	BIT		1980
Winfield (Kanawha)	1	4.9	6.5	6.5	HC	Water		1937
	2	4.9	6.5	6.5	HC	Water		1937
	3	4.9	6.5	6.5	HC	Water		1937
Central Operating Co								
Phil Sporn (Mason)	1	152.5	145.0	150.0	ST	BIT		1949
	2	152.5	145.0	150.0	ST	BIT		1950
	3	152.5	145.0	150.0	ST	BIT		1951
	4	152.5	145.0	150.0	ST	BIT		1952
	5	495.6	440.0	450.0	ST	BIT		1960
Monongahela Power Co								
Albright (Preston)	1	69.0	73.0	76.0	ST	BIT		1952
	2	69.0	73.0	76.0	ST	BIT		1952
	3	140.3	137.0	140.0	ST	BIT		1954
Fort Martin (Monongalia)	1*	576.0	552.0	552.0	ST	BIT		1967
	2*	576.0	555.0	555.0	ST	BIT		1968
Harrison (Harrison)	1*	684.0	640.0	640.0	ST	BIT		1972
	2*	684.0	640.0	640.0	ST	BIT		1973
	3*	684.0	640.0	640.0	ST	BIT		1974
Pleasants (Pleasants)	1*	684.0	614.0	621.0	ST	BIT		1978
	2*	684.0	614.0	621.0	ST	BIT		1980
Rivesville (Marion)	5	35.0	46.0	48.0	ST	BIT		1944
	6	74.8	90.0	93.0	ST	BIT		1951
Willow Island (Pleasants)	1	50.0	54.0	55.0	ST	BIT		1949
	2	163.2	181.0	188.0	ST	BIT		1960

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
West Virginia								
Ohio Power Co								
Kammer (Marshall)	1	237.5	200.0	210.0	ST	BIT		1958
	2	237.5	200.0	210.0	ST	BIT		1958
	3	237.5	200.0	210.0	ST	BIT		1959
Mitchell (Marshall)	1	816.3	800.0	800.0	ST	BIT		1971
	2	816.3	800.0	800.0	ST	BIT		1971
Potomac Edison Co								
Dam 4 (Jefferson)	1	0.5	0.3	0.5	HC	Water		1909
	2	0.5	0.3	0.5	HC	Water		1909
Dam 5 (Berkeley)	1	0.6	0.3	0.5	HC	Water		1919
	2	0.6	0.3	0.5	HC	Water		1919
Harpers Ferry (Jefferson)	2	0.6	0.4	0.6	HC	Water		1925
Millville (Jefferson)	1	0.8	0.5	0.8	HC	Water		1913
	2	1.0	0.6	1.0	HC	Water		1939
	3	1.0	0.6	1.0	HC	Water		1938
Virginia Electric & Power Co								
Mt Storm (Grant)	JF1	18.6	12.0	16.0	GT	Jet Fuel		1967
	1	581.2	533.0	545.0	ST	BIT		1965
	2	570.2	522.0	534.0	ST	BIT		1966
	3	522.0	530.0	545.0	ST	BIT		1973
West Penn Power Co								
Lake Lynn (Monongalia)	1	12.8	13.0	13.0	HC	Water		1926
	2	12.8	13.0	13.0	HC	Water		1926
	3	12.8	13.0	13.0	HC	Water		1926
	4	12.8	13.0	13.0	HC	Water		1926
Wisconsin								
Arcadia City of								
Arcadia (Trempealeau)	1	1.4	1.3	1.3	IC	FO2		1956
	2	1.0	1.0	1.0	IC	FO2		1948
	3	0.5	0.4	0.4	IC	FO2		1940
	4	0.2	0.2	0.2	IC	FO2		1930
	5	3.1	3.2	3.2	IC	Nat Gas	FO2	1972
	6	3.0	3.1	3.1	IC	Nat Gas	FO2	1986
Argyle City of								
Argyle (Lafayette)	1	0.1	0.0	0.0	HC	Water		1929
	2	0.3	0.4	0.4	IC	FO2		1947
	3	1.1	1.2	1.2	IC	FO2		1973
Barron City of								
Barron (Barron)	H2	0.1	0.1	0.1	HC	Water		1923
	7	0.8	0.8	0.8	IC	FO2		1944
	8	1.3	1.3	1.3	IC	FO2		1954
	9	2.0	2.0	2.0	IC	FO2		1960
Black River Falls City of								
Black River Falls (Jackson)	HY1	0.6	0.6	0.6	HC	Water		1947
	HY2	0.3	0.3	0.3	HC	Water		1919
	1	0.3	0.3	0.3	IC	FO2		1941
	2	0.5	0.5	0.5	IC	FO2		1941
	3	0.9	0.9	0.9	IC	FO2		1949
	4	1.4	1.4	1.4	IC	FO2		1955
Cashton Village of								
Cashton (Monroe)	3	0.3	0.3	0.3	IC	FO2		1932
	4	0.5	0.4	0.4	IC	FO2		1962
	5	1.1	1.0	1.2	IC	FO2	Nat Gas	1969
Consolidated Water Power Co								
Biron (Wood)	1	1.5	1.3	1.3	HC	Water		1916
	2	1.5	1.3	1.3	HC	Water		1921
	3	0.8	0.7	0.7	HC	Water		1921

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity: Generator Nameplate (megawatts)	Capacity: Summer Capability (megawatts)	Capacity: Winter Capability (megawatts)	Unit Type[1]	Energy Source[1]: Primary	Energy Source[1]: Alternate	Year of Initial Operation
Wisconsin								
Consolidated Water Power Co								
Du Bay (Portage)	1	1.2	1.2	1.2	HC	Water		1942
	2	2.0	2.0	2.0	HC	Water		1942
	3	2.0	2.0	2.0	HC	Water		1942
	4	2.0	2.0	2.0	HC	Water		1942
Stevens Point (Portage)	1	0.8	0.8	0.8	HC	Water		1918
	2	0.8	0.8	0.8	HC	Water		1918
	3	0.8	0.8	0.8	HC	Water		1918
	4	0.8	0.8	0.8	HC	Water		1918
	5	0.6	0.8	0.8	HC	Water		1918
	6	0.8	0.8	0.8	HC	Water		1918
Wisconsin Rapids (Wood)	1	2.2	2.2	2.2	HC	Water		1920
	2	2.2	2.2	2.2	HC	Water		1920
Wisconsin River Div (Portage)	1	1.8	1.8	1.8	HC	Water		1963
Cumberland City of								
Cumberland (Barron)	1	0.7	0.7	0.7	IC	FO2		1945
	2	0.3	0.2	0.2	IC	FO2		1939
	3	0.3	0.2	0.2	IC	FO2		1939
	4	1.4	1.4	1.4	IC	FO2		1954
	5	2.1	2.0	2.0	IC	Nat Gas	FO2	1966
	6	6.5	7.1	7.1	IC	FO2		1979
Dahlberg Light & Power Co								
Gordon (Douglas)	1	0.1	0.1	0.1	HC	Water		1934
	2	0.1	0.1	0.1	HC	Water		1945
	5	0.5	0.4	0.4	IC	FO2		1955
	6	0.7	0.7	0.7	IC	FO2		1949
Nancy (Washburn)	1	0.3	0.3	0.3	HC	Water		1953
	2	0.2	0.2	0.2	HC	Water		1953
Solon Diesel (Douglas)	1	1.0	1.0	1.0	IC	FO2		1988
	2	1.0	1.0	1.0	IC	FO2		1988
Dairyland Power Coop								
Alma (Buffalo)	1	15.0	19.6	19.6	ST	BIT		1947
	2	15.0	20.9	20.9	ST	BIT		1947
	3	15.0	18.0	18.0	ST	BIT		1951
	4	54.4	54.4	54.4	ST	BIT		1957
	5	81.6	81.5	81.5	ST	BIT		1959
Flambeau (Rusk)	1	5.6	6.8	6.0	HC	Water		1950
	2	5.6	6.7	6.0	HC	Water		1950
	3	5.6	5.7	5.5	HC	Water		1950
Genoa (Vernon)	ST3[*]	345.6	363.3	363.3	ST	BIT		1969
J P Madgett (Buffalo)	1	387.0	363.9	363.9	ST	SUB		1979
Stoneman (Grant)	1	15.0	15.1	15.1	ST	BIT		1951
	2	36.6	41.0	41.0	ST	BIT		1953
Elroy City of								
Elroy (Juneau)	2	0.2	0.1	0.1	IC	FO2	Nat Gas	1930
	3	0.2	0.2	0.2	IC	FO2	Nat Gas	1936
	4	0.3	0.2	0.3	IC	FO2	Nat Gas	1945
	5	2.1	2.1	2.3	IC	FO2	Nat Gas	1973
Fennimore City of								
Fennimore (Grant)	4	1.2	1.1	1.1	IC	FO1		1962
	5	1.0	1.0	1.0	IC	FO1		1959
Gresham Village of								
Gresham (Shawano)	1	0.1	0.1	0.1	IC	FO2		1964
	2	0.2	0.2	0.2	IC	FO2		1964
	3	0.2	0.2	0.2	IC	FO2		1964
Lower Weed (Shawano)	1	0.3	0.3	0.3	HC	Water		1967
	2	0.1	0.1	0.1	HC	Water		1967
Upper Weed (Shawano)	1	0.1	0.1	0.1	HC	Water		1944
	2	0.2	0.2	0.2	HC	Water		1944

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Wisconsin								
Kaukauna City of								
Combined Locks (Outagamie)	HC1	3.1	3.1	3.0	HC	Water		1988
	HC2	3.1	3.1	3.0	HC	Water		1988
Kaukauna (Outagamie)	GT1	18.0	20.0	20.0	GT	Nat Gas	FO2	1969
	IC1	2.0	2.0	2.0	IC	FO2		1966
Kaukauna (Outagamie)	1	2.4	2.4	2.4	HC	Water		1940
	2	2.4	2.4	2.4	HC	Water		1942
Kaukauna (Outagamie)	2	2.0	2.0	2.0	IC	FO2		1966
	3	2.0	2.0	2.0	IC	FO2		1966
Little Chute (Outagamie)	1	1.1	1.1	1.1	HC	Water		1948
	2	1.1	1.1	1.1	HC	Water		1948
	3	1.1	1.1	1.1	HC	Water		1948
New Badger (Outagamie)	1	1.8	1.8	1.8	HC	Water		1928
	2	1.8	1.8	1.8	HC	Water		1928
Old Badger (Outagamie)	3	1.0	1.0	1.0	HC	Water		1907
	4	1.0	1.0	1.0	HC	Water		1907
Rapide Croche (Outagamie)	1	0.6	0.6	0.6	HC	Water		1926
	2	0.6	0.6	0.6	HC	Water		1926
	3	0.6	0.6	0.6	HC	Water		1926
	4	0.6	0.6	0.6	HC	Water		1926
La Farge Municipal Electric Co								
La Farge (Vernon)	1A	0.5	0.5	0.5	IC	FO2		1986
Madison Gas & Electric Co								
Blount Street (Dane)	1	12.5	6.2	6.4	ST	Nat Gas	FO2	1925
	3	33.0	38.2	38.5	ST	BIT	Nat Gas	1953
	4	20.0	22.1	23.5	ST	BIT	Nat Gas	1938
	5	25.0	27.8	28.4	ST	BIT	Nat Gas	1948
	6	44.0	49.9	52.1	ST	BIT	Nat Gas	1957
	7	44.0	49.5	51.1	ST	BIT	Nat Gas	1961
Fitchburg (Dane)	1	27.0	20.6	24.5	GT	Nat Gas	FO2	1973
	2	27.0	20.9	24.7	GT	Nat Gas	FO2	1973
	3	0.0	0.0	0.0	WT	Wind		1983
Nine Springs (Dane)	GT1	14.0	13.8	19.1	GT	Nat Gas	Jet Fuel	1964
Sycamore (Dane)	1	16.0	14.2	16.8	GT	Nat Gas	FO2	1967
	2	20.0	20.3	25.8	GT	Nat Gas	FO2	1971
Manitowoc City of								
Manitowoc (Manitowoc)	IC1	5.3	5.3	5.3	IC	Nat Gas	FO2	1985
	IC2	5.3	5.3	5.3	IC	Nat Gas	FO2	1985
	2	5.0	5.0	5.0	ST	BIT		1935
	3	10.0	10.0	10.0	ST	BIT		1941
	4	10.0	10.0	10.0	ST	BIT		1950
	5	22.0	22.0	22.0	ST	BIT		1956
	6	32.0	32.0	32.0	ST	BIT		1964
Marshfield City of								
Wildwood (Wood)	3	6.0	6.0	6.0	ST	Nat Gas	FO2	1950
	4	12.5	9.0	9.0	ST	BIT		1962
	5	16.5	12.0	12.0	ST	BIT		1968
Menasha City of								
Menasha (Winnebago)	IC1	1.0	1.0	1.0	IC	FO2		1949
	1	4.0	4.0	4.0	ST	BIT		1949
	2	4.0	4.0	4.0	ST	BIT		1949
	3	8.0	8.0	8.0	ST	BIT		1954
	4	14.0	14.0	14.0	ST	BIT		1964
Merrillan City of								
Merrillan (Jackson)	HC1	0.1	0.1	0.1	HC	Water		1942
	1	0.1	0.1	0.1	IC	FO2		1943
	2	0.7	0.8	0.8	IC	FO2		1977

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Wisconsin								
Muscoda City of								
Muscoda (Richland)	1	0.1	0.0	0.0	HC	Water		1934
	2	0.1	0.0	0.0	IC	FO2		1920
New Lisbon City of								
New Lisbon (Juneau)	1	0.1	0.1	0.1	IC	FO2		1931
	2	1.4	1.4	1.4	IC	FO2	Nat Gas	1966
	3	0.2	0.2	0.2	IC	FO2	Nat Gas	1937
	4	0.6	0.6	0.6	IC	FO2		1948
	5	2.4	2.4	2.4	IC	FO2	Nat Gas	1977
North American Hydro Inc								
Wautoma (Waushara)	1	0.2	0.2	0.2	HC	Water		1924
	2	0.1	0.1	0.1	HC	Water		1924
North Central Power Co Inc								
Arpin Dam (Sawyer)	1	0.6	0.6	0.6	HC	Water		1971
	2	0.6	0.6	0.6	HC	Water		1971
	3	0.3	0.3	0.3	HC	Water		1973
East Fork (Sawyer)	IC1	0.3	0.1	0.1	IC	FO2		1954
	IC2	0.3	0.1	0.2	IC	FO2		1954
	1	0.2	0.2	0.2	HC	Water		1973
	2	0.4	0.4	0.4	HC	Water		1972
Radisson Grimh (Sawyer)	IC1	0.8	0.6	0.6	IC	FO2		1951
	1	0.1	0.1	0.1	HC	Water		1928
	3	0.3	0.3	0.3	HC	Water		1965
Northern States Power Co								
Apple River (St Croix)	1	0.8	0.8	0.8	HC	Water		1900
	2	0.8	0.8	0.8	HC	Water		1900
	3	0.8	0.8	0.8	HC	Water		1900
	4	0.8	0.8	0.8	HC	Water		1900
Bay Front (Ashland)	4	20.0	21.0	21.0	ST	WD	SUB	1949
	5	20.0	24.0	24.0	ST	WD	SUB	1952
	6	27.0	27.0	27.0	ST	WD	SUB	1957
Big Falls (Rusk)	1	3.0	2.6	2.6	HC	Water		1922
	2	3.0	2.6	2.6	HC	Water		1922
	3	3.0	2.6	2.6	HC	Water		1925
Cedar Falls (Dunn)	1	2.0	2.3	2.3	HC	Water		1910
	2	2.0	2.3	2.3	HC	Water		1911
	3	2.0	2.3	2.3	HC	Water		1915
Chippewa Falls (Chippewa)	1	3.6	3.7	3.7	HC	Water		1928
	2	3.6	3.7	3.7	HC	Water		1928
	3	3.6	3.7	3.7	HC	Water		1928
	4	3.6	3.7	3.7	HC	Water		1928
	5	3.6	3.7	3.7	HC	Water		1928
	6	3.6	3.7	3.7	HC	Water		1928
Cornell (Chippewa)	1	10.0	10.1	10.1	HC	Water		1976
	2	10.0	10.1	10.1	HC	Water		1976
	3	10.0	10.2	10.2	HC	Water		1976
	4	0.8	0.5	0.5	HC	Water		1976
Dells (Eau Claire)	1	2.0	2.3	2.3	HC	Water		1923
	2	1.6	1.2	1.2	HC	Water		1924
	3	1.6	1.2	1.2	HC	Water		1930
	4	1.6	1.2	1.2	HC	Water		1930
	5	1.6	1.2	1.2	HC	Water		1930
	6	0.5	0.6	0.6	HC	Water		1916
	7	0.6	0.7	0.7	HC	Water		1907
Flambeau (Price)	1	16.0	13.0	19.0	GT	Nat Gas	FO2	1969
French Island (La Crosse)	1	15.3	14.0	14.0	ST	WD	Refuse	1940
	2	12.5	14.0	14.0	ST	WD	Nat Gas	1948
	3	78.8	70.0	87.0	GT	FO2		1974
	4	78.8	72.0	94.0	GT	FO2		1974
Hayward (Sawyer)	1	0.2	0.2	0.2	HC	Water		1925
Holcombe (Chippewa)	1	11.3	11.1	11.1	HC	Water		1950
	2	11.3	11.1	11.1	HC	Water		1950
	3	11.3	11.1	11.1	HC	Water		1950

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Wisconsin								
Northern States Power Co								
Jim Falls (Chippewa)	HC1	24.8	26.6	25.3	HC	Water		1988
	HC2	24.8	26.6	25.3	HC	Water		1988
	MSF	0.6	0.5	0.5	HC	Water		1986
Ladysmith (Rusk)	1	1.0	0.9	0.9	HC	Water		1940
	2	0.9	0.9	0.9	HC	Water		1940
	3	2.0	1.0	1.0	HC	Water		1983
Menomonie (Dunn)	1	2.7	2.8	2.8	HC	Water		1958
	2	2.7	2.8	2.8	HC	Water		1958
Riverdale (St Croix)	1	0.3	0.3	0.3	HC	Water		1905
	2	0.3	0.3	0.3	HC	Water		1905
Saxon Falls (Jackson)	1	0.6	0.8	0.8	HC	Water		1913
	2	0.6	0.8	0.8	HC	Water		1913
St Croix Falls (Polk)	1	2.5	2.4	2.4	HC	Water		1905
	2	2.5	2.4	2.4	HC	Water		1905
	3	2.5	2.4	2.4	HC	Water		1905
	4	2.5	2.4	2.4	HC	Water		1905
	5	3.4	3.2	3.2	HC	Water		1910
	6	3.4	3.2	3.2	HC	Water		1910
	7	3.2	3.0	3.0	HC	Water		1923
	8	3.2	3.0	3.0	HC	Water		1923
Thornapple (Rusk)	1	0.7	0.7	0.7	HC	Water		1929
	2	0.7	0.7	0.7	HC	Water		1929
Trego (Washburn)	1	0.7	0.7	0.7	HC	Water		1927
	2	0.5	0.5	0.5	HC	Water		1927
Wheaton (Chippewa)	1	54.0	55.0	68.0	GT	FO2		1973
	2	54.0	53.0	70.0	GT	FO2		1973
	3	54.0	51.0	68.0	GT	FO2		1973
	4	54.0	52.0	70.0	GT	FO2		1973
	5	53.0	55.0	76.0	GT	FO2		1973
	6	53.0	57.0	73.0	GT	FO2		1973
White River (Ashland)	1	0.5	0.5	0.5	HC	Water		1907
	2	0.5	0.5	0.5	HC	Water		1907
Wissota (Chippewa)	1	6.0	6.2	6.2	HC	Water		1917
	2	6.0	6.2	6.2	HC	Water		1917
	3	6.0	6.2	6.2	HC	Water		1917
	4	6.0	6.2	6.2	HC	Water		1917
	5	6.0	6.2	6.2	HC	Water		1917
	6	5.8	5.5	5.5	HC	Water		1917
Northwestern Wisconsin Elec Co								
Balsam Lake Dam (Polk)	1	0.1	0.1	0.1	HC	Water		1929
Black Brook Dam (Polk)	1	0.3	0.2	0.2	HC	Water		1982
	2	0.4	0.4	0.4	HC	Water		1982
Clam Falls Dam (Polk)	1	0.1	0.1	0.1	HC	Water		1917
	2	0.1	0.0	0.0	HC	Water		1946
Clam River Dam (Burnett)	1	0.4	0.4	0.4	HC	Water		1942
	2	0.4	0.4	0.4	HC	Water		1942
	3	0.4	0.4	0.4	HC	Water		1967
Danbury Dam (Burnett)	GT1	6.8	6.6	7.1	GT	FO1		1981
	HY3	0.6	0.6	0.6	HC	Water		1950
	IC1	0.5	0.5	0.5	IC	FO2		1982
	IC2	0.6	0.6	0.6	IC	FO2		1966
	1	0.2	0.1	0.1	HC	Water		1921
	2	0.3	0.3	0.3	HC	Water		1927
Frederic Diesel (Polk)	1	0.8	0.5	0.5	IC	FO2		1947
	2	0.7	0.6	0.6	IC	FO2		1948
	3	0.7	0.6	0.6	IC	FO2		1949
	4	0.7	0.4	0.4	IC	FO2		1955
	5	0.6	0.6	0.6	IC	FO2		1955
	6	1.8	1.7	1.7	IC	FO2		1970
	7	1.8	1.7	1.7	IC	FO2		1975
Grantsburg Diesel (Burnett)	1	0.5	0.6	0.6	IC	FO2		1960
	2	0.8	0.8	0.8	IC	FO2		1963
	3	1.0	1.0	1.0	IC	FO2		1968
	4	2.3	2.0	2.0	IC	FO2		1975

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Wisconsin								
Oconto Electric Coop								
Stiles (Oconto)	1	0.5	0.5	0.5	HC	Water		1948
	2	0.5	0.5	0.5	HC	Water		1948
River Falls City of								
Junction (Pierce)	1	0.4	0.3	0.3	HC	Water		1948
	2	0.4	0.4	0.4	IC	FO2		1929
	3	0.5	0.5	0.5	IC	FO2		1941
	4	1.1	1.1	1.1	IC	FO2		1948
	5	2.7	2.6	2.6	IC	FO2		1965
	6	2.1	2.1	2.1	IC	FO2	Nat Gas	1965
	7	6.0	5.6	5.6	IC	FO2	Nat Gas	1972
	8	0.3	0.3	0.3	IC	FO2		1979
Powell Falls (Pierce)	1	0.1	0.1	0.1	HC	Water		1948
Superior Water Light&Power Co								
Winslow (Douglas)	2	12.5	12.5	12.8	ST	FO6	Nat Gas	1942
	3	12.7	12.7	13.0	ST	FO6	Nat Gas	1952
Viola City of								
Viola (Richland)	1	0.4	0.5	0.5	IC	FO2		1948
	2	0.7	0.6	0.6	IC	FO2		1966
Washington Island El Coop Inc								
Washington Island (Door)	1	0.3	0.3	0.3	IC	FO2		1952
	2	0.1	0.1	0.1	IC	FO2		1952
	3	0.1	0.1	0.1	IC	FO2		1945
	4	0.3	0.3	0.3	IC	FO2		1951
	5	0.5	0.5	0.5	IC	FO2		1968
	6	0.9	0.9	0.9	IC	FO2		1972
Wisconsin Electric Power Co								
Appleton (Outagamie)	4	0.9	1.9[2]	1.9[2]	HC	Water		1980
	5	0.5	-[2]	-[2]	HC	Water		1916
	6	0.5	-[2]	-[2]	HC	Water		1916
Germantown (Washington)	1	61.2	50.0	64.0	GT	FO2		1978
	2	61.2	50.0	64.0	GT	FO2		1978
	3	61.2	50.0	64.0	GT	FO2		1978
	4	61.2	50.0	64.0	GT	FO2		1978
North Oak Creek (Milwaukee)	1	120.0	95.0	95.0	ST	BIT		1953
	2	120.0	95.0	95.0	ST	BIT		1954
Oconto Falls (Oconto)	1	0.5	0.6[2]	0.6[2]	HC	Water		1924
	2	0.5	-[2]	-[2]	HC	Water		1921
	3	0.4	-[2]	-[2]	HC	Water		1918
Pine (Florence)	1	1.8	4.0[2]	2.0[2]	HC	Water		1922
	2	1.8	-[2]	-[2]	HC	Water		1922
Pleasant Prairie (Kenosha)	1	616.6	580.0	580.0	ST	SUB		1980
	2	616.6	580.0	580.0	ST	SUB		1985
Point Beach (Manitowoc)	1	523.8	485.0	495.0	NP	Uranium		1970
	2	523.8	485.0	495.0	NP	Uranium		1972
	5	19.6	16.0	24.0	GT	FO2		1969
Port Washington (Ozaukee)	1	80.0	50.0	50.0	ST	BIT		1935
	2	80.0	70.0	70.0	ST	BIT		1943
	3	80.0	80.0	80.0	ST	BIT		1948
	4	80.0	70.0	70.0	ST	BIT		1949
	5	80.0	77.0	77.0	ST	BIT		1950
	6	19.6	18.0	23.0	GT	FO2		1969
South Oak Creek (Milwaukee)	5	275.0	220.0	220.0	ST	BIT		1959
	6	275.0	245.0	245.0	ST	BIT		1961
	7	317.6	280.0	280.0	ST	BIT		1965
	8	324.0	280.0	280.0	ST	BIT		1967
	9	19.6	20.0	25.0	GT	Nat Gas	FO2	1968
Valley (Milwaukee)	1	136.0	130.0	114.0	ST	BIT		1968
	2	136.0	137.0	114.0	ST	BIT		1969
	3	2.8	3.0	3.0	IC	FO2		1969
Weyauwega (Waupaca)	1	0.4	0.2	0.2	HC	Water		1930

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Wisconsin								
Wisconsin Power & Light Co								
Blackhawk (Rock)	1	0.4	0.4	0.4	HC	Water		1928
	3	25.0	26.2	27.3	ST	Nat Gas		1945
	4	25.0	28.2	29.1	ST	Nat Gas		1947
Columbia (Columbia)	1*	512.0	509.0	520.6	ST	SUB		1975
	2*	512.0	471.5	494.4	ST	SUB		1978
Edgewater (Rock)	3	66.0	73.6	71.7	ST	BIT		1951
	4*	351.0	333.7	331.6	ST	BIT		1969
	5*	380.0	392.1	387.0	ST	BIT		1984
Janesville (Rock)	1	0.3	0.3	0.3	HC	Water		1927
	2	0.3	0.3	0.3	HC	Water		1927
Kilbourn (Columbia)	HC1	2.2	9.9[2]	9.8[2]	HC	Water		1926
	HC5	2.0	-[2]	-[2]	HC	Water		1935
	HC6	2.0	-[2]	-[2]	HC	Water		1937
	2	2.0	-[2]	-[2]	HC	Water		1939
Nelson Dewey (Grant)	1	113.6	106.5	109.6	ST	BIT	SUB	1959
	2	113.6	106.2	107.0	ST	BIT		1962
Portable (Fond Du Lac)	4	0.5	0.5	0.5	IC	FO2		1946
Prairie Du Sac (Sauk)	1	2.5	30.0[2]	29.0[2]	HC	Water		1914
	2	3.5	-[2]	-[2]	HC	Water		1915
	3	4.2	-[2]	-[2]	HC	Water		1920
	4	4.2	-[2]	-[2]	HC	Water		1922
	5	3.5	-[2]	-[2]	HC	Water		1938
	6	3.5	-[2]	-[2]	HC	Water		1938
	7	3.5	-[2]	-[2]	HC	Water		1940
	8	3.5	-[2]	-[2]	HC	Water		1940
Rock River (Rock)	1	75.0	71.2	75.5	ST	BIT		1953
	2	75.0	76.1	78.6	ST	BIT		1955
	3	37.5	29.6	36.0	GT	FO2	Nat Gas	1967
	4	18.0	13.9	16.4	GT	FO2	Nat Gas	1968
	5	51.0	49.6	63.3	GT	FO2	Nat Gas	1972
	6	51.0	48.3	61.2	GT	FO2	Nat Gas	1972
Shawano (Shawano)	1	0.7	0.9	0.9	HC	Water		1928
Sheepskin (Rock)	1	46.5	40.5	45.3	GT	FO2	Nat Gas	1971
Wisconsin Public Service Corp								
Alexander (Lincoln)	1	1.4	1.4	1.4	HC	Water		1925
	2	1.4	1.4	1.4	HC	Water		1925
	3	1.4	1.4	1.4	HC	Water		1925
Caldron Falls (Marinette)	1	3.2	3.5	3.5	HC	Water		1924
	2	3.2	3.5	3.5	HC	Water		1924
Eagle River (Vilas)	1	2.0	2.0	2.0	IC	FO2		1964
	2	2.0	2.0	2.0	IC	FO2		1964
Grandfather Falls (Lincoln)	1	11.0	11.0	11.0	HC	Water		1938
	2	6.2	6.2	6.2	HC	Water		1938
Hat Rapids (Oneida)	1	0.8	1.0	1.0	HC	Water		1923
	2	0.5	0.5	0.5	HC	Water		1984
	3	0.4	0.5	0.5	HC	Water		1984
High Falls (Marinette)	1	1.4	1.4	1.4	HC	Water		1910
	2	1.4	1.4	1.4	HC	Water		1910
	3	1.4	1.4	1.4	HC	Water		1910
	4	1.4	1.4	1.4	HC	Water		1910
	5	1.4	1.4	1.4	HC	Water		1910
Jersey (Lincoln)	1	0.2	0.2	0.2	HC	Water		1923
	2	0.2	0.2	0.2	HC	Water		1920
	3	0.1	0.1	0.1	HC	Water		1922
Johnson Falls (Marinette)	1	1.8	2.0	2.0	HC	Water		1923
	2	1.8	2.0	2.0	HC	Water		1923
Kewaunee (Kewaunee)	1*	535.0	530.3	520.0	NP	Uranium		1974
Kewaunee Wind (Kewaunee)	1	0.0	0.0	0.0	WT	Wind		1984
Merrill (Lincoln)	1	0.4	0.4	0.4	HC	Water		1917
	2	0.4	0.4	0.4	HC	Water		1917
	3	1.5	1.5	1.5	HC	Water		1984
Otter Rapids (Vilas)	1	0.3	0.3	0.3	HC	Water		1927
	3	0.3	0.3	0.3	HC	Water		1924
Peshtigo (Marinette)	1	0.2	0.2	0.2	HC	Water		1920
	4	0.4	0.4	0.4	HC	Water		1924

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Wisconsin								
Wisconsin Public Service Corp								
Potato Rapids (Marinette)	1	0.5	0.5	0.5	HC	Water		1926
	2	0.4	0.4	0.4	HC	Water		1921
	3	0.4	0.4	0.4	HC	Water		1921
Pulliam (Brown)	3	30.0	26.0	27.3	ST	BIT		1942
	4	30.0	28.0	26.1	ST	BIT		1947
	5	50.0	50.5	52.4	ST	BIT		1949
	6	62.5	64.7	67.5	ST	BIT		1951
	7	75.0	80.1	78.2	ST	BIT		1958
	8	125.0	131.9	135.8	ST	BIT		1964
Sandstone Rapids (Marinette)	1	1.9	2.0	2.0	HC	Water		1925
	2	1.9	2.0	2.0	HC	Water		1925
Tomahawk (Lincoln)	1	1.3	1.3	1.3	HC	Water		1938
	2	1.3	1.3	1.3	HC	Water		1938
Wausau (Marathon)	1	1.8	1.8	1.8	HC	Water		1921
	2	1.8	1.8	1.8	HC	Water		1921
	3	1.8	1.8	1.8	HC	Water		1924
West Marinette (Marinette)	31	41.9	40.7	45.5	GT	FO2	Nat Gas	1971
	32	41.9	39.4	46.5	GT	FO2	Nat Gas	1973
Weston (Marathon)	1	60.0	63.0	66.3	ST	BIT		1954
	2	75.0	85.9	86.2	ST	BIT	Nat Gas	1960
	3	321.6	329.1	323.3	ST	SUB		1981
	31	21.5	20.9	25.0	GT	FO2	Nat Gas	1969
	32	51.0	52.4	64.2	GT	FO2	Nat Gas	1973
Wisconsin River Power Co								
Castle Rock (Juneau)	1	3.0	3.5	3.5	HC	Water		1951
	2	3.0	3.5	3.5	HC	Water		1950
	3	3.0	3.5	3.5	HC	Water		1950
	4	3.0	3.5	3.5	HC	Water		1950
	5	3.0	3.5	3.5	HC	Water		1950
Petenwell (Adams)	1	5.0	5.0	5.0	HC	Water		1949
	2	5.0	5.0	5.0	HC	Water		1949
	3	5.0	5.0	5.0	HC	Water		1949
	4	5.0	5.0	5.0	HC	Water		1949
Wyoming								
Basin Electric Power Coop								
Laramie River (Platte)	1*	570.0	550.0	550.0	ST	SUB		1980
	2*	570.0	550.0	550.0	ST	SUB		1981
	3*	570.0	550.0	550.0	ST	SUB		1982
Black Hills Corp								
Neil Simpson (Campbell)	5	21.8	14.6	18.6	ST	SUB	FO2	1969
Osage (Weston)	1	11.5	10.2	10.2	ST	SUB		1948
	2	11.5	10.2	10.2	ST	SUB		1949
	3	11.5	10.2	10.2	ST	SUB		1952
Bureau of Reclamation								
Alcova (Natrona)	1	18.0	20.0	20.0	HC	Water		1955
	2	18.0	20.0	20.0	HC	Water		1955
Boysen (Fremont)	1	7.5	8.0	7.0	HC	Water		1952
	2	7.5	8.0	7.0	HC	Water		1952
Fontenelle (Lincoln)	1	10.0	13.0	13.0	HC	Water		1968
Fremont Canyon (Natrona)	1	24.0	24.0	24.0	HC	Water		1960
	2	24.0	24.0	24.0	HC	Water		1961
Glendo (Platte)	1	19.0	19.0	19.3	HC	Water		1958
	2	19.0	19.0	19.3	HC	Water		1959
Guernsey (Platte)	1	2.4	2.8	2.3	HC	Water		1927
	2	2.4	2.8	2.3	HC	Water		1927
Heart Mountain (Park)	1	5.0	5.0	5.0	HC	Water		1948
Kortes (Carbon)	1	12.0	12.0	12.0	HC	Water		1950
	2	12.0	12.0	12.0	HC	Water		1949
	3	12.0	12.0	12.0	HC	Water		1950
Medicine Bow (Carbon)	1	4.0	4.0	4.0	WT	Wind		1982
Pilot Butte (Fremont)	1	0.8	1.0	1.0	HC	Water		1924

See footnotes at end of table.

Table 20. Operable Electric Generating Units, by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Capacity			Unit Type[1]	Energy Source[1]		Year of Initial Operation
		Generator Nameplate (megawatts)	Summer Capability (megawatts)	Winter Capability (megawatts)		Primary	Alternate	
Wyoming								
Bureau of Reclamation								
	2	0.8	1.0	1.0	HC	Water		1928
Seminoe (Carbon)	1	15.0	15.0	15.0	HC	Water		1939
	2	15.0	15.0	15.0	HC	Water		1939
	3	15.0	15.0	15.0	HC	Water		1939
Cheyenne Light Fuel & Power Co								
Corlett (Laramie)	1	2.8	2.8	2.8	IC	FO2		1967
Snyder (Laramie)	1	2.0	2.0	2.0	IC	FO2		1963
	2	2.0	2.0	2.0	IC	FO2		1963
	3	2.0	2.0	2.0	IC	FO2		1963
	4	2.0	2.0	2.0	IC	FO2		1963
	5	2.0	2.0	2.0	IC	FO2		1963
Lower Valley Power & Light Inc								
Strawberry Creek (Lincoln)	1	0.5	0.5	0.5	HC	Water		1951
	2	0.5	0.5	0.5	HC	Water		1951
	3	0.5	0.5	0.5	HC	Water		1951
Montana Power Co								
Lake Diesel (Teton)	1	2.8	2.8	2.8	IC	FO2		1967
Old Faithful (Teton)	1	1.0	1.0	1.0	IC	FO2		1979
	2	1.0	1.0	1.0	IC	FO2		1979
Pacific Power & Light Co								
Dave Johnston (Converse)	1	100.0	105.0	105.0	ST	SUB		1958
	2	100.0	105.0	105.0	ST	SUB		1960
	3	220.0	220.0	220.0	ST	SUB		1964
	4	330.3	320.0	320.0	ST	SUB		1972
Jim Bridger (Sweetwater)	1*	508.6	485.0	485.0	ST	SUB		1974
	2*	508.6	485.0	485.0	ST	SUB		1975
	3*	508.6	485.0	485.0	ST	SUB		1976
	4*	508.6	485.0	485.0	ST	SUB		1979
Wyodak (Campbell)	1*	331.9	315.0	315.0	ST	SUB		1978
Utah Power & Light Co								
Naughton (Lincoln)	1	163.2	160.0	160.0	ST	BIT		1963
	2	217.6	220.0	220.0	ST	BIT		1968
	3	326.4	330.0	330.0	ST	BIT		1971
Viva Naughton (Lincoln)	1	0.6	0.6	0.2	HC	Water		1986
	2	0.2	0.2	0.6	HC	Water		1986

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[1] See appendix B for definition of codes.

[2] Individual summer and winter capabilities for these generators are not available. Within a plant, reported value is the aggregated capabiltiy of all these generators.

3 through 15 Individual summer and winter capabilities for these generators are not available. An aggregate summer capability and an aggregate winter capability have been reported for generators in several plants or for specific generators within a plant. Generators in this category are denoted by matching footnote numbers to show what is aggregated.

* A jointly owned unit. See Appendix C for the list of owners.

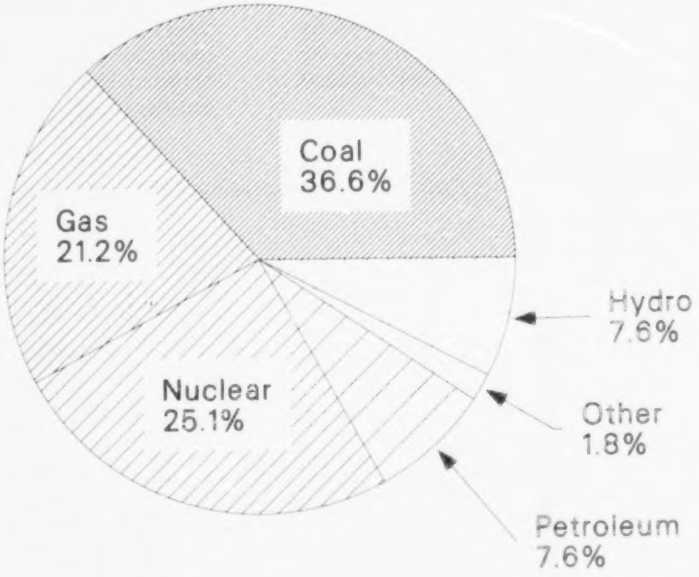
Note: Where capacity appears as 0.0, value is less than 50 kW.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

4. Projected Electric Generating Unit Additions

To meet their 10-year peak demand projections, electric utilities have scheduled a total of 39,733 megawatts of capacity in new units to start operation during the 1989 through 1998 period. This total includes units that were under construction or in various stages of planning at year-end 1988. It does not include capacity that is owned and operated by nonutility generators. However, the Energy Information Administration has projected that by 2000 the equivalent of 13,000 megawatts of nonutility capacity will be sold to electric utilities.[1] Additional capacity is also expected to come from repowering of existing plants, which utilities consider as a means for adding capacity without incurring the cost of new large baseload capacity. Refurbishment or life extension is another option being considered by electric utilities as a means of meeting future demands.

Figure 9. Percent Generating Capability Additions by Energy Source, 1989-1998



Note: Other includes geothermal, refuse, steam, solar, and waste heat.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

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[1] Energy Information Administration, *Electric Power Monthly, February 1989*, p. 3.

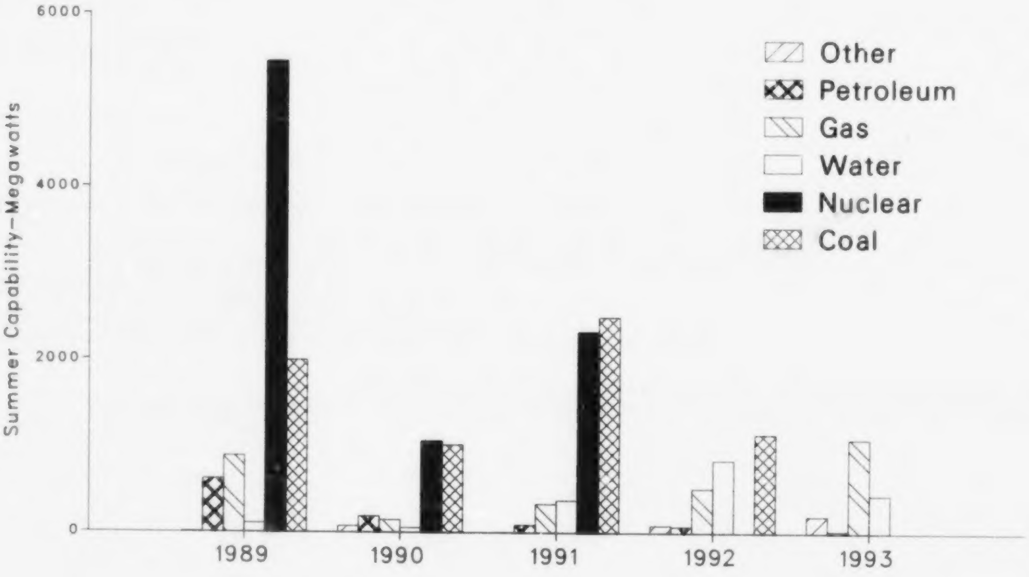
Twenty-nine coal-fired units account for 36.6 percent of the planned new capacity scheduled to come on line by 1998. An additional 25.1 percent is represented by 9 nuclear units. Petroleum and gas-fired units account for an additional 28.8 percent; the remainder is in hydroelectric, geothermal, waste heat, refuse, and solar units.

With nearly half of the projected capacity additions expected to be on line by the start of 1993, the energy source mix in new capacity additions from 1989 through 1992 is expected to be as follows: nuclear, 44.5 percent; coal, 33.5 percent; gas, 9.4 percent; petroleum, 4.8 percent; hydroelectric, 6.9 percent; and other, 0.8 percent. Eight of the 9 nuclear units, representing 8,820 megawatts, are scheduled to be in operation by the end of 1991. Included in this schedule are the Seabrook and Shoreham nuclear plants, both completed but not licensed to start operation. Tennessee Valley Authority's (TVA) Watts Bar nuclear unit 2 is is scheduled to start operation in 1995. Thirteen of the 29 projected new coal-fired units, representing 6,629 megawatts, are expected to be on line by the end of 1992. Two small coal-fired units with generator nameplate capacities totaling 42 megawatts, to be installed, respectively, by the cities of Dover and Painesville, Ohio are included in these totals.

After 1992, a shift in the energy source mix in new capacity additions is expected to be realized. Coal-fired capacity additions during the 1993 through 1998 period are expected to be 39.8 percent of total additions; gas, 32.9 percent; nuclear, 5.9 percent; petroleum, 10.4 percent; hydroelectric, 8.3 percent; and other, 2.7 percent.

With a commitment to have adequate resources to meet expected growth in demand and a reluctance to commit capital to large coal-fired baseload units, electric utilities have included more gas turbine and combined-cycle units in their 10-year construction program. Last year's report included 4,732 megawatts of conventional gas turbine and combined-cycle capacity scheduled for initial operation over the next decade. The current 10-year projection period has 11,973 megawatts of conventional gas turbine and combined-cycle units scheduled to start operation by 1998. Gas turbine plants are attractive because they require less initial capital to build; they have relatively shorter construction lead time; and they can be installed in relatively smaller sizes; they can be installed closer to where the power is required; and they can be installed modularly, allowing the utility to add capacity in increments, as electricity demand requires. Moreover, combined-cycle plants have higher efficiencies, have lower levels of thermal and air pollution, and can serve intermediate and base loads.

Figure 10. Projected Generating Capability Additions by Year and Energy Source, 1989-1993 (Megawatts)

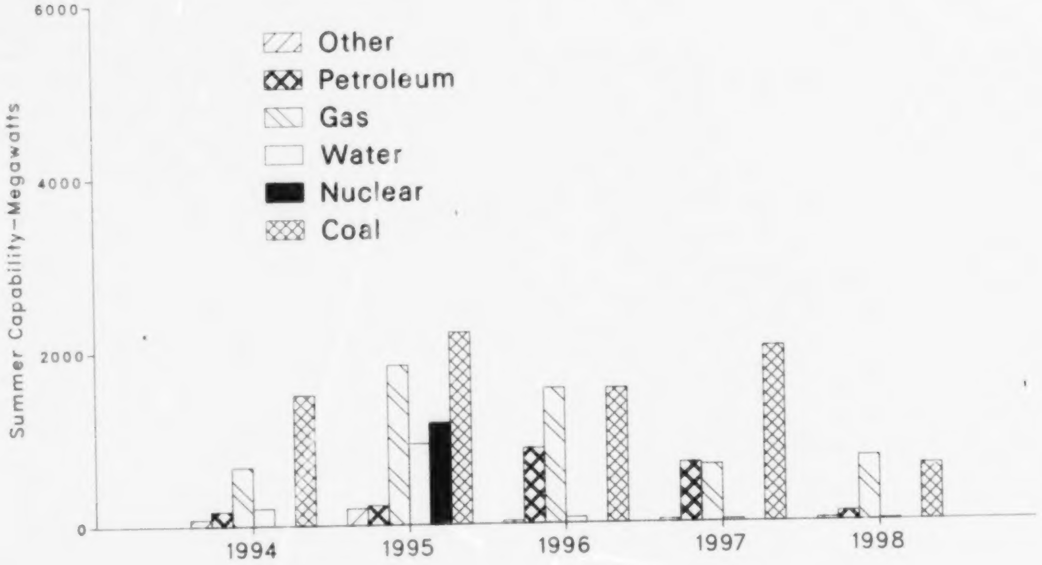


Note: Other includes geothermal, solar, and wind.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

This year's forecast includes 220 megawatts of compressed air energy storage (CAES) capacity that is a part of the projected gas-fired capacity. Two CAES units, 110 megawatts (generator nameplate) each, are planned for operation by Alabama Electric Cooperative at its proposed McIntosh plant. One unit will start operation in 1991 and the other in 1996. The principle of CAES is the same as that of pumped storage: to store energy generated from baseload capacity during off-peak periods and then use the stored energy to generate electricity during peak periods. In a CAES system, compressed air is stored in reservoirs, such as salt caverns, aquifers, or hard rock caverns, during off-peak periods. The stored energy is released during periods of peak demand by expansion of the air through an air turbine to generate electricity. In Alabama Electric Cooperative's CAES units the air released through the air turbine will be fired with gas from the gas turbine combustor to generate electricity. The capacity of these two CAES units are included as part of the projected gas turbine capacity additions in this publication.

Electric utilities are also adding coal gasification capabilties to their gas turbines. As indicated in this report, Florida Power and Light has an 800-megawatt (generator nameplate) Integrated Coal Gasification unit scheduled to start operation in 1995. A single entry for this unit appears in Table 21 since specific data were not available for the separate gas turbine and steam components of the combined cycle. City of Springfield, Illinois Water, Light, and Power has scheduled a coal gasification/combined-cycle unit in its existing Lakeside plant, to start operation by 1993. Potomac Electric Power Company (PEPCO) has two proposed 375-megawatt coal gasification/combined-cycle units. Although PEPCO's units in their entirety are not scheduled to be operable until 1999, the gas turbines associated with these units are expected to be operating by 1998. The integrated coal gasification technology derives gas from coal; the gas is used to power the gas turbines. Waste heat from this process is used to drive steam turbine generators to produce additional electricity.

Figure 11. Projected Generating Capability Additions by Year and Energy Source, 1994-1998 (Megawatts)



Note: Other includes geothermal, solar, and wind.
Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Cancellations and Delays

Several units listed in last year's table of projected units have been canceled, indefinitely postponed, or delayed beyond the current 10-year forecast. Large baseload units in these categories are as follows. Two coal-fired units, totaling 630 megawatts (generator nameplate) were canceled. These are Lower Colorado River Authority's Sam Seymour unit 4 (430 megawatts) and City of Austin, Texas' 200-megawatt fluidized-bed combustion unit. Four coal-fired units, totaling 2,470 megawatts (generator nameplate), were indefinitely postponed. These are Salt River Project's Coronado unit 3 (395 megawatts); Associated Electric Cooperative's Watson unit 1 (630 megawatts); and Central Power and Light Company's Coleto Creek unit 2 (726 megawatts) and Walker A unit 1 (719 megawatts). An additional 633 megawatts (generator nameplate) in two coal-fired units were delayed beyond the 10-year forecast period. These are City of Tallahassee, Florida's 400-megawatt unit and Plains Electric Generation and Transmission Cooperative's 233-megawatt Escalante unit 2.

The Tennessee Valley Authority has indefinitely postponed its two Bellefonte nuclear units, with generator nameplate capacities totaling 2,664 megawatts.

Houston Lighting and Power Company's 727-megawatt Malakoff unit 2, which was included in prior years' forecasts, but subsequently delayed, is included in this year's 10-year forecast.

Mitchel Gardens steam units 1 and 2 (to use solid waste fuel), previously proposed for operation by Long Island Lighting Company, are not included in this year's forecast because they are now owned and proposed for operation by a nonutility.

Alternatives to New Plant Construction

Electric utilities are considering repowering their existing electric generating units as a cost-effective means for meeting future demand. Repowering consists of modifying old coal-fired electric generating units, by replacing the boiler with a new combustion technology which results in better performance and an increase in capacity. Several repowering technologies have emerged that could be more widely in operation by electric utilities in the late 1990's or early 2000's. Each of the techniques discussed below has either already been implemented by electric utilities or is currently in their 10-year construction plan.

One means of repowering consists of adding a gas turbine to an existing steam-electric plant to reconfigure it as combined cycle. Several of the gas turbines projected for initial operation by 1998 that are included in this report are part of such a plan. Another repowering technology is the integrated gasification combined-cycle technology, such as the City of Springfield, Illinois' Water, Light, and Power demonstration project at its Lakeside plant cited above.

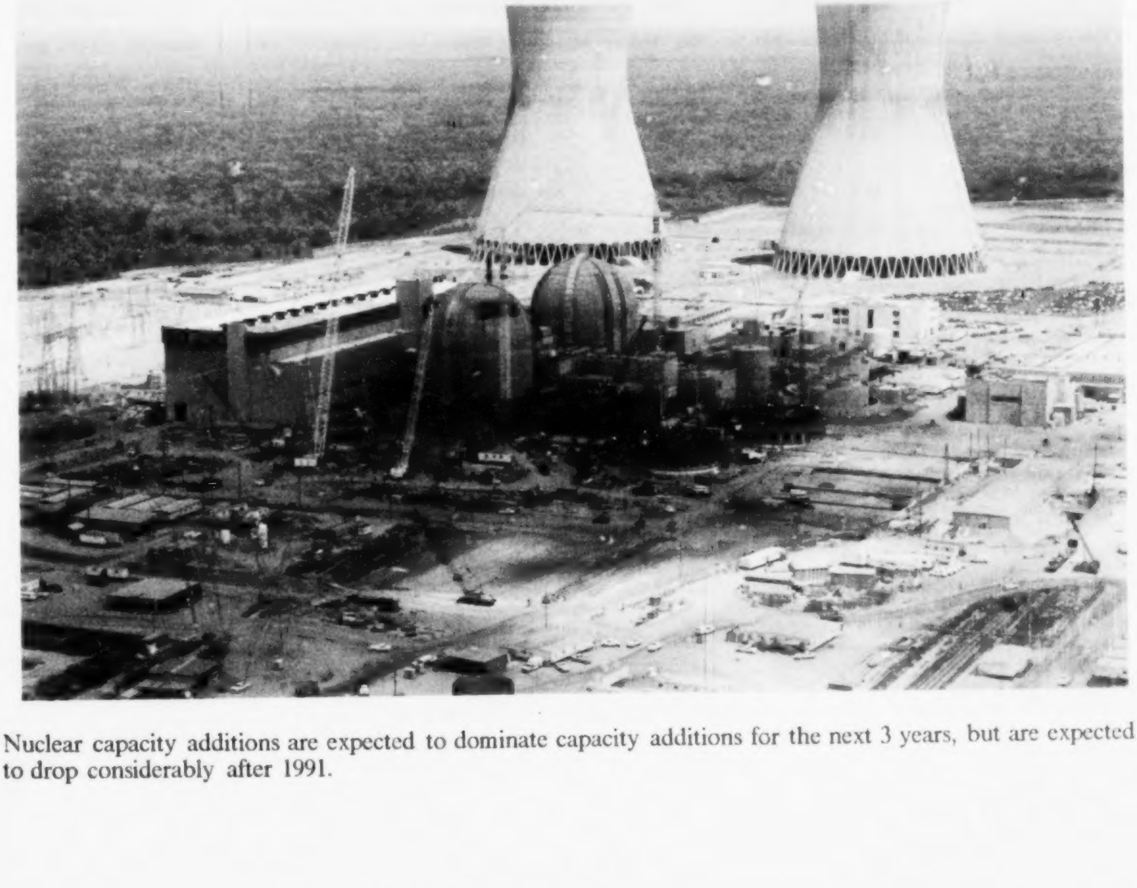
Other repowering techniques that are attractive to electric utilities include atmospheric fluidized-bed combustion and pressurized fluidized-bed combustion/combined cycle. Atmospheric fluidized-bed combustion takes place in a furnace in which a bed of solid coal and limestone particles is suspended in a stream of upward flowing air at or near atmospheric pressure. The suspended particles behave much like a fluid. During combustion, tubes with flowing water located within the bed and/or above the bed in the flue gas path are heated to produce steam which in turn is sent to the steam turbine to produce electricity. In a pressurized fluidized-bed combustor, a bed of coal and limestone is suspended in a stream of upward flowing pressurized air. During combustion, tubes with flowing water located within the bed are heated to form steam which is sent to a steam turbine to produce electricity. In the combined-cycle configuration of the pressurized fluidized-bed combustor, a gas turbine is linked to the combustor, and the hot gases exiting the pressurized furnace are used to drive the turbine to generate more electricity. Central Operating Company's (American Electric Power System) Phil Sporn units 3 and 4 in West Virginia are scheduled to be repowered with pressurized fluidized-bed combustion by 1996. If utilities can successfully incorporate repowering technologies into their systems, the potential exists for significant increases in electric generating capacity through repowering to meet future demands in a more practical, cost-effective way.

Implementation of plant life extension programs is another option utilities are choosing as a means to meet future demand. Life extension (or plant refurbishment) consists of restoring a plant to its original performance without installing new combustion technologies. Although life extension adds little, if any, new generating capacity to a plant, it adds 10 to 20 years of new life to aged plants nearing retirement, while avoiding siting problems and environmental controls associated with new plant construction. Also, the capital expenditures are significantly less than those required to build a new plant.

Electric utilities are also increasing their dependence on nonutility generators (NUGs) as a means to help meet their future demands without building new generating capacity. Although there are a number of concerns by electric utilities about the reliability of capacity supplied by NUGs, such capacity can be a significant asset to utilities by supplying capacity that would otherwise be in utility-constructed new units. An examination of data reported to the Department of Energy shows that all of the nine regional councils in the United States have significant levels of existing and planned NUG capacity that has been committed to electric utilities for the next decade.

An option to additional generating resources is demand-side management (DSM). At one time this would have meant load control, the simple cycling of load to reduce demand at the time of peak. In the past few years, however, the industry has experimented with various techniques to effect changes in loads. These techniques in their aggregate are referred to as DSM. Several basic techniques include peak clipping, load shifting, conservation, load growth, and load shaping.

Though utilities have a variety of options available to them to maintain a balance between supply and demand, it is through their successful implementation that an adequate supply will be realized.



Nuclear capacity additions are expected to dominate capacity additions for the next 3 years, but are expected to drop considerably after 1991.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type[1]	Energy Source[1]	Unit Status[3]
Alabama							
Alabama Electric Coop Inc							
Future Fossil (UNKNOWN)	1	Jun 97/Jun 95	125.0	125.0	ST	LIG	PL
McIntosh-CAES (Washington)	1	Jun 91/Jun 93	110.0	89.7	GT [2]	Nat Gas	CO
	2	Jun 96/Jun 94	110.0	89.7	GT [2]	Nat Gas	PL
McWilliams (Covington)	CT1	Jun 96/Jun 93	75.0	61.7	GT	Nat Gas	PL
	CT2	Jun 98/Jun 94	75.0	61.7	GT	Nat Gas	PL
	CT4	Jun 94/Jun 94	100.0	82.5	CT	Nat Gas	PL
Alabama Power Co							
James H Miller Jr (Jefferson)	3	Feb 89/Jun 81	705.5	667.0	ST	BIT	CO
	4	Jun 91/Jun 81	705.5	667.0	ST	BIT	CO
Alaska							
Alaska Power Administration							
Snettisham (Juneau)	3	Mar 89/Mar 88	31.0	33.5	HC	Water	CO
Cordova Electric Coop Inc							
Humpback Creek (Valdez-Cordova)	1	Oct 89/Jan 88	0.5	0.5	HC	Water	CO
	2	Oct 89/Jan 88	0.5	0.5	HC	Water	CO
	3	Oct 89/Jan 88	0.3	0.2	HC	Water	CO
Arizona							
Alamito Co							
Springerville (Apache)	0002	Jun 90/Jun 87	397.0	360.0	ST	SUB	CO
	3	91/Jun 90	397.0	360.0	ST	SUB	PL
Arizona Public Service Co							
Gila Bend (Maricopa)	GT1	Jun 97/May 92	75.0	61.7	GT	Nat Gas	PL
	GT2	Jun 97/Jun 97	75.0	61.7	GT	Nat Gas	PL
Bureau of Reclamation							
Waddell (Maricopa)	PS1	May 94/May 91	150.0	153.4	HR	Water	PL
Citizens Utilities Co							
Valencia (Santa Cruz)	GT1	Mar 89/ 89	19.9	16.9	GT	Nat Gas	CO
	GT2	89/ 89	19.9	16.9	GT	Nat Gas	CO
	GT3	89/ 89	19.9	16.9	GT	Nat Gas	CO
Arkansas							
Arkansas Electric Coop Corp							
NA 1 (Conway)	1	May 93/May 93	10.8	11.2	HC	Water	PL
	2	Jun 93/Jun 93	10.8	11.2	HC	Water	PL
	3	Jul 93/Jul 93	10.8	11.2	HC	Water	PL
California							
California Dept-Wtr Resources							
Devil Canyon (San Bernardino)	3	Sep 91/Sep 91	78.4	87.8	HC	Water	PL
	4	Dec 91/Dec 91	78.4	87.8	HC	Water	PL
Mohave Siphon Power (San Bernardino)	1	Dec 93/Oct 93	59.8	66.3	HC	Water	PL
	2	Mar 94/Feb 94	9.8	10.2	HC	Water	PL
	3	Jun 94/Jun 94	9.8	10.2	HC	Water	PL
Glendale City of							
Soampp II (Los Angeles)	IC1	Jul 92/Jul 87	8.0	7.0	IC	Refuse	PL
	IC2	Jun 92/Jul 87	8.0	7.5	IC	Refuse	PL
Los Angeles City of							
Coso (Inyo)	1	Aug 90/Aug 90	10.0	9.4	GE	GST	PL
Harbor Gen Station (Los Angeles)	10	Jan 95/Jan 95	240.0	191.1	CW	WH	PL
Nevada Irrigation District							
Jackson Meadows (Nevada)	8N	Dec 91/Jan 89	3.5	3.5	HC	Water	PL

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type[1]	Energy Source[1]	Unit Status[3]
California							
Oakdale & South San Joaquin							
Goodwin (Tuolumne)	1	Jun 90/Aug 89	5.0	5.1	HC	Water	PL
Oroville-Wyandotte Irrig Dist							
Rock Creek II (Plumas)	NA1	Jan 91/Jan 89	30.0	32.4	HC	Water	PL
Pacific Gas & Electric Co							
PVUSA 1 (Yolo)	1	Jan 89/Jan 89	1.0	1.0	SP	SUN	CO
PVUSA 2 (Yolo)	1	90/Jan 90	1.0	1.0	SP	SUN	PL
PVUSA 3 (San Luis Obispo)	1	91/Jan 91	1.0	1.0	SP	SUN	PL
Salt Springs (Amador)	HY3	Mar 91/Jan 87	6.0	6.1	HC	Water	PL
Unid PG&E hydro 98 (UNKNOWN)	NA	Jan 98/Jan 95	3.0	3.0	HC	Water	PL
Unid PG&E Hydro 93 (UNKNOWN)	1	Jan 93/Jan 90	20.1	21.4	HC	Water	PL
Unid PG&E Hydro 95 (UNKNOWN)	NA1	Jan 95/Jan 91	2.1	2.1	HC	Water	PL
Unid PG&E Hydro 97 (UNKNOWN)	NA1	Jan 97/Jan 92	2.3	2.3	HC	Water	PL
West Point (Amador)	2	Mar 91/Jan 87	7.0	7.2	HC	Water	PL
Sacramento Municipal Util Dist							
NA (Sacramento)	NA1	Jan 91/Jan 91	50.0	41.5	GT	Nat Gas	PL
San Francisco City & County of							
Moccasin Low Head (Tuolumne)	1	Aug 89/Aug 85	3.0	3.0	HC	Water	CO
OShaughnessy Low (Tuolumne)	1	Dec 91/May 86	3.8	3.8	HC	Water	CO
Turlock Irrigation District							
Don Pedro (Tuolumne)	4*	Mar 89/Jan 88	34.4	37.3	HC	Water	CO
Colorado							
Public Service Co of Colorado							
Pawnee (Morgan)	2	May 96/Apr 86	520.0	485.0	ST	BIT	PL
Delaware							
Delmarva Power & Light Co							
Hay Road (New Castle)	1	Aug 89/Aug 89	115.0	93.7	GT	Nat Gas	CO
	2	May 89/May 89	115.0	93.7	GT	Nat Gas	CO
	3	May 93/May 93	100.0	82.5	CS	Nat Gas	PL
Seaford City of							
Seaford (Sussex)	7	Feb 89/Feb 89	1.1	1.0	IC	FO2	CO
District of Columbia							
Potomac Electric Power Co							
Benning (District of Columbia)	GT1	Jun 90/ 90	105.0	85.7	GT	FO2	PL
	GT2	91/ 91	105.0	85.7	GT	FO2	PL
Florida							
Florida Keys El Coop Assn Inc							
Marathon (Monroe)	8	May 89/Mar 88	2.0	1.8	IC	FO2	CO
	9	May 89/Mar 88	2.0	1.8	IC	FO2	CO
Florida Power & Light Co							
Martin (Martin)	CC1	Dec 93/Dec 93	420.0	326.8	CT	Nat Gas	PL
	CC2	Dec 94/Dec 94	420.0	326.8	CT	Nat Gas	PL
	CC3	Nov 95/Nov 95	385.0	305.6	GT	Nat Gas	PL
	CC4	Nov 95/Nov 95	385.0	305.6	GT	Nat Gas	PL
	IGCC	Dec 95/Dec 95	800.0	606.4	CT	SNG	PL
Fort Pierce Utilities Auth							
Henry D King (St Lucie)	9	Feb 89/Dec 88	23.4	20.5	CT	Nat Gas	CO
Gulf Power Co							
Caryville (Jackson)	1	May 95/May 95	252.0	201.8	GT	Nat Gas	PL
	2	May 97/May 97	126.0	102.4	GT	Nat Gas	PL

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type[1]	Energy Source[1]	Unit Status[3]
Florida							
Key West City of							
Stock Island D 1 (Monroe)	NA1	Feb 90/Feb 90	9.8	9.2	IC	FO2	CO
Stock Island D 2 (Monroe)	NA2	Feb 90/Feb 90	9.8	9.2	IC	FO2	CO
Lakeland City of							
NA 1 (Polk)	1	Jan 98/Jan 98	50.0	41.5	GT	Nat Gas	PL
	2	Jan 98/Jan 98	50.0	41.5	GT	Nat Gas	PL
Orlando Utilities Comm							
Indian River (Brevard)	CT1*	Jun 89/Jul 89	38.4	32.0	GT	Nat Gas	CO
	CT2*	Jul 89/Sep 89	38.4	32.0	GT	Nat Gas	CO
Seminole Electric Coop Inc							
Hardee Power Station (Hardee)	CT1	Jan 93/Jan 93	75.0	62.6	CT	Nat Gas	PL
	CT2	Jan 93/Jan 93	75.0	62.6	CT	Nat Gas	PL
	CT3	Jan 93/Jan 93	75.0	62.6	CT	Nat Gas	PL
	CT4	Jan 93/Jan 93	75.0	62.6	CT	Nat Gas	PL
	1	Jan 93/Jan 93	70.0	58.6	CW	WH	PL
	2	Jan 93/Jan 93	70.0	58.6	CW	WH	PL
Georgia							
Georgia Power Co							
Vogtle (Burke)	2*	May 89/Feb 79	1215.0	1086.0	NP	Uranium	CO
Oglethorpe Power Corp							
Rocky Mountain (Floyd)	1	Dec 95/Jun 78	282.6	290.1	HR	Water	PL
	2	Dec 95/Jun 78	282.6	290.1	HR	Water	PL
	3	Dec 95/Jun 78	282.6	290.1	HR	Water	PL
Hawaii							
Hawaii Electric Light Co Inc							
Keahole (Hawaii)	2	Aug 89/Mar 89	17.6	15.0	GT	FO2	CO
Maui Electric Co Ltd							
Maalaea (Maui)	13	Apr 89/Mar 89	12.5	11.7	IC	FO2	CO
Idaho							
Fall River Rural Elec Coop Inc							
Island Park (Fremont)	HY1	Dec 89/Dec 88	4.8	4.8	HC	Water	CO
Idaho Power Co							
Swan Falls (Ada)	P1	Feb 93/Jan 87	12.5	13.1	HC	Water	CO
	P2	Mar 93/Jan 87	12.5	13.1	HC	Water	CO
Twin Falls (Twin Falls)	P1	Jan 95/Jan 95	40.4	44.1	HC	Water	PL
Illinois							
Geneseo City of							
Geneseo (Henry)	8	Jun 90/Jun 90	4.4	4.1	IC	FO2	CO
Rochelle City of							
North Ninth Street (Ogle)	10	May 89/May 89	2.5	2.3	IC	Nat Gas	CO
	9	May 89/May 89	3.5	3.2	IC	Nat Gas	CO
Springfield City of							
Lakeside (Sangamon)	GT1	Jun 93/Jun 93	41.4	35.4	CT	SNG	PL
	GT2	Jun 93/Jun 93	41.4	35.4	CT	SNG	PL
Indiana							
Indiana Michigan Power Co							
Rockport (Spencer)	2	Dec 89/Dec 82	1300.0	1300.0	ST	BIT	CO

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type[1]	Energy Source[1]	Unit Status[3]
Indiana							
Southern Indiana Gas & Elec Co							
A B Brown (Posey)	4	Apr 91/Apr 91	81.4	66.8	GT	Nat Gas	PL
Iowa							
Interstate Power Co							
Mason City (Cerro Gordo)	1	Jan 91/Jan 91	30.0	25.2	GT	Nat Gas	PL
	2	Jan 91/Jan 91	30.0	25.2	GT	Nat Gas	PL
Iowa Power & Light Co							
Pleasant Hill (Polk)	1	May 90/May 90	41.4	34.5	GT	FO2	PL
	2	May 90/May 90	41.4	34.5	GT	FO2	PL
	3	May 92/May 92	41.4	34.5	GT	FO2	PL
	4	May 92/May 92	41.4	34.5	GT	FO2	PL
Iowa Southern Utilities Co							
Grinnell (Poweshiek)	1	Sep 89/Sep 89	22.3	21.0	IC	Nat Gas	PL
	2	Sep 89/Sep 89	22.3	21.0	IC	Nat Gas	PL
Kansas							
Kingman City of							
Kingman (Kingman)	9	May 90/May 90	6.0	5.6	IC	FO2	PL
Mulvane City of							
Mulvane (Sedgwick)	7	Jan 90/Jan 90	0.6	0.5	IC	FO2	PL
	8	Jan 90/Jan 90	0.6	0.5	IC	FO2	PL
Russell City of							
Russell (Russell)	11	Jan 90/Jan 90	3.6	3.4	IC	Nat Gas	CO
	12	Jan 90/Jan 90	3.6	3.4	IC	Nat Gas	CO
Wamego City of							
Wamego (Pottawatomie)	NA1	Jun 91/Jun 91	2.4	2.2	IC	Nat Gas	PL
Kentucky							
Louisville Gas & Electric Co							
Cane Run (Jefferson)	12	Jul 97/Jul 97	75.0	61.7	GT	FO2	PL
Trimble County (Trimble)	1	Oct 90/Aug 81	512.4	495.0	ST	BIT	CO
Vanceburg City of							
Meldahl Gen Station (Bracken)	1	91/Jun 89	23.4	25.1	HC	Water	PL
	2	91/Jun 89	23.4	25.1	HC	Water	PL
	3	91/Jun 89	23.4	25.1	HC	Water	PL
Maine							
Bangor Hydro-Electric Co							
Basin Mills (Penobscot)	2	Jan 97/Jan 97	21.0	22.4	HC	Water	PL
Milford (Penobscot)	7	Jan 93/Jan 93	1.2	1.1	HC	Water	PL
River Veazie A (Penobscot)	1	Nov 94/Nov 90	8.0	8.2	HC	Water	PL
Central Maine Power Co							
Brassua (Somerset)	1	Jul 89/Apr 87	4.0	4.0	HC	Water	PL
Charles E Monty (Androscoggin)	NA1	Sep 90/Apr 87	12.5	13.1	HC	Water	PL
	NA2	Sep 90/Apr 87	12.5	13.1	HC	Water	PL
Maryland							
Baltimore Gas & Electric Co							
Brandon Shores (Anne Arundel)	2	Mar 92/Apr 85	685.1	640.0	ST	BIT	CO
NA (Harford)	1	Jun 97/Jun 96	164.0	132.6	GT	Nat Gas	PL
	2	Jun 98/Jun 97	164.0	132.6	GT	Nat Gas	PL
Easton Utilities Comm							
Easton 2 (Talbot)	23	Feb 89/Dec 88	6.3	5.9	IC	FO6	CO
	23A	Mar 89/Dec 88	6.3	5.9	IC	FO6	CO
	24	Dec 93/Dec 91	6.3	5.9	IC	FO6	PL

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	**Unit ID**	**Scheduled Completion Date Current/Original**	**Generator Nameplate Capacity**	**Summer Capability (megawatts)**	**Unit Type**[1]	**Energy Source**[1]	**Unit Status**[3]
Maryland							
Easton Utilities Comm							
	24A	Dec 93/Dec 91	6.3	5.9	IC	FO6	PL
	25	Dec 96/Dec 95	15.0	14.1	IC	FO6	PL
Potomac Electric Power Co							
Coal Gas CC 1 (Montgomery)	CT1	94/ 94	125.0	102.2	CT	FO2	PL
	CT2	95/ 95	125.0	102.2	CT	FO2	PL
Coal Gas CC 2 (Montgomery)	CT3	96/ 96	125.0	102.2	CT	FO2	PL
	CT4	98/ 97	125.0	102.2	CT	FO2	PL
Massachusetts							
Hudson Town of							
Washington Str (Middlesex)	1	Sep 89/Sep 87	0.1	0.1	HC	Water	CO
Massachusetts Water Res Auth							
Aqueduct Transfer (Worcester)	1	Feb 89/Sep 86	0.8	0.7	HC	Water	CO

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	**Unit ID**	**Scheduled Completion Date Current/Original**	**Generator Nameplate Capacity**	**Summer Capability (megawatts)**	**Unit Type[1]**	**Energy Source[1]**	**Unit Status[3]**
Minnesota							
Delano City of							
Delano (Wright)	6	Apr 89/Jul 88	1.3	1.1	IC	FO2	CO
Missouri							
Empire District Electric Co							
Empire Energy Center (Jasper)	NA2	Jun 96/Jun 95	32.0	26.8	GT	Nat Gas	PL
	NA3	Jun 98/Jun 95	32.0	26.8	GT	Nat Gas	PL
	3	Jun 95/Jun 92	75.0	62.6	CA	Nat Gas	PL
Kansas City Power & Light Co							
Combustion Turbine 1 (Jackson)	1	Mar 96/Mar 96	105.0	85.7	GT	Nat Gas	PL
Combustion Turbine 2 (Jackson)	2	Mar 96/Mar 96	105.0	85.7	GT	Nat Gas	PL
Combustion Turbine 3 (Jackson)	3	Mar 98/Mar 98	105.0	85.7	GT	Nat Gas	PL
Memphis City of							
Memphis (Scotland)	10	Sep 89/Sep 89	1.0	0.9	IC	FO2	CO
	11	Sep 89/Sep 89	1.0	0.9	IC	FO2	CO
	12	Sep 89/Sep 89	0.5	0.4	IC	FO2	CO
Springfield City of							
James River (Greene)	GT1	May 89/May 89	71.4	58.8	GT	Nat Gas	CO
	GT2	May 93/May 93	71.4	58.8	GT	Nat Gas	PL
St Joseph Light & Power Co							
Lake Road (Buchanan)	6	Jun 89/Jun 89	24.0	20.2	JE	FO2	CO
UtiliCorp United Inc							
RG 1 & 2 (Cass)	1	Jun 92/Jun 85	22.0	18.6	GT	Nat Gas	PL
	2	Jun 96/Jun 85	22.0	18.6	GT	Nat Gas	PL
Nebraska							
Omaha Public Power District							
NA 1 (UNKNOWN)	NA1	96/ 96	80.0	65.7	GT	Nat Ges	PL
Nevada							
Nevada Power Co							
Clark (Clark)	10	Jun 94/Jun 91	90.0	74.6	CW	WH	PL
	9	Jun 93/Jun 90	90.0	74.6	CW	WH	PL
Harry Allen (Clark)	GT1	Jun 94/Jun 93	78.0	64.1	GT	FO2	PL
	GT2	Jun 95/Jun 94	78.0	64.1	GT	FO2	PL
	GT3	Jun 96/Jun 96	78.0	64.1	GT	FO2	PL
	GT4	Jun 96/Jun 96	78.0	64.1	GT	FO2	PL
	1[*]	Jun 97/Jun 95	250.0	250.0	ST	BIT	PL
White Pine Station (White Pine)	1[*]	Jun 94/Jun 89	812.0	750.0	ST	BIT	PL
	2[*]	Jun 95/Jun 90	812.0	750.0	ST	BIT	PL
New Hampshire							
Public Service Co of NH							
Seabrook (Rockingham)	1[*]	Nov 89/Nov 79	1200.0	1150.0	NP	Uranium	CO
New Jersey							
Jersey Central Power&Light Co							
Forked River (Ocean)	1	Jun 89/Jun 89	38.4	32.0	GT	FO2	CO
	2	Jun 89/Jun 89	38.4	32.0	GT	FO2	CO
NA1 (UNKNOWN)	1	Jun 95/Jun 35	70.0	57.6	GT	FO2	PL
NA2 (UNKNOWN)	1	Jun 96/Jun 96	300.0	239.4	GT	Nat Gas	PL
NA3 (UNKNOWN)	1	Jun 95/Jun 95	200.0	160.4	CT	Nat Gas	PL
	2	Jun 96/Jun 96	100.0	82.5	CA	Nat Gas	PL
NA4 (UNKNOWN)	1	Jun 97/Jun 97	300.0	239.4	GT	Nat Gas	PL
Vineland City of							
Butler (Cumberland)	1	Jun 93/Jun 93	35.0	30.1	CT	Nat Gas	PL
	2	Jun 93/Jun 93	10.0	9.1	CS	Jet Fuel	PL

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type[1]	Energy Source[1]	Unit Status[3]
New York							
Long Island Lighting Co							
Brookhaven (Suffolk)	02	Aug 89/Aug 89	79.0	64.9	GT	FO2	CO
	03	Aug 89/Aug 89	79.0	64.9	GT	FO2	CO
	1	Jul 89/Jul 89	79.0	64.9	GT	FO2	CO
Shoreham (Suffolk)	1	Jul 89/May 75	849.5	809.0	NB	Uranium	LP
Niagara Mohawk Power Corp							
High Dam (Oswego)	5	Jul 93/Nov 88	2.5	2.5	HC	Water	PL
Hudson Falls (Saratoga)	A	Jun 91/Nov 85	36.1	39.3	HC	Water	PL
Mechanicville (Saratoga)	N1	Jul 91/May 84	12.0	12.5	HC	Water	CO
Minetto (Oswego)	N1	Jan 98/Nov 89	1.8	1.8	HC	Water	PL
Oswego Falls West (Oswego)	6	Jul 93/Nov 87	1.9	1.8	HC	Water	PL
	7	Jul 93/Nov 87	1.9	1.8	HC	Water	PL
	8	Jul 93/Nov 87	1.9	1.8	HC	Water	PL
South Glens Falls (Saratoga)	N1	Jun 91/Nov 89	13.8	14.5	HC	Water	PL
Varick (Oswego)	1	Jan 98/Nov 90	4.6	4.6	HC	Water	PL
Yaleville (St Lawrence)	3	Sep 93/Sep 93	1.0	1.0	HC	Water	PL
Power Authority of State of NY							
Crescent (Albany)	NA1	Sep 90/Jan 86	3.0	3.0	HC	Water	CO
	NA2	Sep 90/Jan 86	3.0	3.0	HC	Water	CO
Lewiston (Niagara)	13	Sep 96/Jul 90	30.0	30.4	HR	Water	PL
	14	Nov 96/Jul 90	30.0	30.4	HR	Water	PL
Vischer Ferry (Saratoga)	NA1	Sep 90/Apr 86	3.0	3.0	HC	Water	CO
	NA2	Sep 90/Apr 86	3.0	3.0	HC	Water	CO
North Dakota							
Northern States Power Co							
Dakotas (UNKNOWN)	1	May 96/May 96	460.0	423.0	ST	LIG	PL
Ohio							
Cincinnati Gas & Electric Co							
W H Zimmer (Clermont)	ST1*	Apr 91/Jun 91	1300.0	1286.0	ST	BIT	CO
Woodsdale (Butler)	GT1	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
	GT10	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
	GT11	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
	GT12	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
	GT2	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
	GT3	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
	GT4	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
	GT5	Apr 92/Apr 92	75.0	61.7	GT	Nat Gas	PL
	GT6	Apr 93/Apr 93	75.0	61.7	GT	Nat Gas	PL
	GT7	Apr 94/Apr 94	75.0	61.7	GT	Nat Gas	PL
	GT8	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
	GT9	Apr 96/Apr 96	75.0	61.7	GT	Nat Gas	PL
Dover City of							
Dover (Tuscarawas)	6	Dec 89/Jun 89	18.0	15.3	GT	Nat Gas	PL
	7	Oct 91/Jun 91	20.0	20.0	ST	BIT	PL
Painesville City of							
Painesville (Lake)	7	Aug 89/Aug 89	22.0	24.2	ST	BIT	CO
Piqua City of							
Piqua (Miami)	11	Aug 89/Jun 89	16.3	13.9	GT	FO2	PL
Oklahoma							
Oklahoma Gas & Electric Co							
NA1 (UNKNOWN)	1	May 98/May 89	240.0	192.4	GT	Nat Gas	PL
Pennsylvania							
Philadelphia Electric Co							
Limerick (Montgomery)	2	May 90/May 77	1092.0	1055.0	NB	Uranium	CO

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	**Unit ID**	**Scheduled Completion Date Current/Original**	**Generator Nameplate Capacity**	**Summer Capability (megawatts)**	**Unit Type[1]**	**Energy Source[1]**	**Unit Status[3]**
Rhode Island							
Block Island Power Co							
Block Island (Washington)	IC10	Jul 89/Jul 89	1.6	1.5	IC	FO2	PL
South Carolina							
Duke Power Co							
Bad Creek (Oconee)	1	Apr 92/Apr 91	266.3	273.3	HR	Water	CO
	2	Apr 92/Apr 91	266.3	273.3	HR	Water	CO
	3	Jan 93/Apr 92	266.3	273.3	HR	Water	CO
	4	Apr 92/Apr 92	266.3	273.3	HR	Water	CO
South Carolina Electric&Gas Co							
Hagood (Charleston)	4	May 91/May 91	96.0	78.5	GT	Nat Gas	PL
NA1 (UNKNOWN)	CT1	May 94/May 94	96.0	78.5	GT	Nat Gas	PL
	CT2	May 93/May 92	96.0	78.5	GT	Nat Gas	PL
NA2 (UNKNOWN)	CT1	May 96/May 96	74.0	61.8	CT	Nat Gas	PL
	CT2	May 96/May 96	74.0	61.8	CT	Nat Gas	PL
	CW1	May 96/May 94	34.0	29.3	CW	WH	PL
	CW2	May 97/May 96	34.0	29.3	CW	WH	PL
NA3 (UNKNOWN)	CT1	May 97/May 96	74.0	61.8	CT	Nat Gas	PL
	CW1	May 98/May 96	34.0	29.3	CW	WH	PL
Spartanburg City of							
Blalock (Spartanburg)	3	Oct 90/Jan 89	2.5	2.5	HC	Water	PL
Tennessee							
Tennessee Valley Authority							
Watts Bar (Rhea)	1	Oct 91/Oct 76	1269.9	1170.0	NP	Uranium	CO
	2	Oct 95/Apr 77	1269.9	1170.0	NP	Uranium	CO
Texas							
Denton City of							
Lewisville (Denton)	1	Dec 89/ 86	2.8	2.8	HC	Water	CO
Roberts (Denton)	1	Apr 90/ 88	1.0	1.0	HC	Water	PL
Guadalupe Blanco River Auth							
Canyon (Comal)	1	Jan 89/Jul 86	3.0	3.0	HC	Water	CO
	2	Jan 89/Jul 86	3.0	3.0	HC	Water	CO
Houston Lighting & Power Co							
Malakoff (Henderson)	1	Dec 96/Mar 87	726.8	645.0	ST	LIG	PL
	2	Dec 98/Mar 88	726.8	645.0	ST	LIG	PL
South Texas (Matagorda)	2*	Apr 89/Mar 82	1354.3	1250.0	NP	Uranium	CO
Lubbock City of							
LP&L Cogen Plant (Lubbock)	1	May 90/May 90	20.0	16.9	GT	Nat Gas	PL
San Antonio City of							
J K Spruce (Bexar)	1	May 92/May 92	546.0	498.0	ST	SUB	CO
	2	May 97/May 97	546.0	498.0	ST	SUB	PL
San Miguel Electric Coop Inc							
San Miguel (Atascosa)	2*	Jun 97/Jan 89	450.0	400.0	ST	LIG	PL
Texas Utilities Generating Co							
Comanche Peak (Somervell)	1*	Dec 89/Jan 80	1215.0	1150.0	NP	Uranium	CO
	2*	91/Jan 82	1215.0	1150.0	NP	Uranium	CO
DeCordova (Hood)	CT1	Dec 89/Jan 90	89.5	73.3	GT	Nat Gas	CO
	CT2	Dec 89/Jan 90	89.5	73.3	GT	Nat Gas	CO
	CT3	Dec 89/Jan 90	89.5	73.0	GT	Nat Gas	CO
	CT4	Dec 89/Jan 90	89.5	73.3	GT	Nat Gas	CO
Forest Grove (Henderson)	1	Jan 97/Dec 78	795.8	750.0	ST	LIG	CO
NA2 (UNKNOWN)	NA1	Feb 96/Feb 96	390.0	309.4	GT	Nat Gas	PL
Permian Basin (Ward)	CT4	Dec 89/Jan 90	89.5	73.3	GT	Nat Gas	CO
	CT5	Dec 89/Jan 90	89.5	73.3	GT	Nat Gas	CO

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type[1]	Energy Source[1]	Unit Status[3]
Texas							
Texas Utilities Generating Co							
Twin Oak (Robertson)	1	Jan 94/Jan 81	800.9	750.0	ST	LIG	CO
	2	Jan 95/May 81	800.9	750.0	ST	LIG	CO
Texas-New Mexico Power Co							
TNP ONE (Robertson)	1	Jun 90/Jun 90	194.0	156.0	ST	LIG	CO
	2	Jun 91/Jun 91	194.0	156.0	ST	LIG	CO
	3	Jun 95/Jun 92	194.0	156.0	ST	LIG	PL
	4	Jun 95/Jun 93	194.0	156.0	ST	LIG	PL
Utah							
Bountiful City City of							
East Canyon Dam (Morgan)	NA1	Jun 90/Jun 87	2.0	2.0	HC	Water	CO
	NA2	Jun 90/Jun 87	0.5	0.5	HC	Water	CO
Joes Valley Dam (Emery)	NA1	Oct 92/Oct 92	1.3	1.2	HC	Water	PL
	NA2	Oct 92/Oct 89	1.3	1.2	HC	Water	CO
	NA3	Oct 92/Oct 86	1.0	1.0	HC	Water	PL
Lost Creek Dam (Morgan)	NA1	Sep 90/Oct 88	1.0	1.0	HC	Water	PL
Pine View Dam (Weber)	NA1	Mar 90/Mar 90	1.8	1.8	HC	Water	CO
Deseret Generation & Tran Coop							
Bonanza (Uintah)	2	Aug 95/Jan 97	400.0	400.0	ST	BIT	PL
Ephraim City of							
Hydro Plant No 4 (Sanpete)	1	Jun 89/Jun 89	0.1	0.1	HC	Water	CO
Mt Pleasant City of							
Unit 3 (Sanpete)	1	Dec 91/Sep 89	0.5	0.5	HL	Water	PL
Unit 4 (Sanpete)	1	Dec 91/Sep 88	1.5	1.4	HL	Water	PL
Weber Basin Water Conserv Dist							
West Gateway (Davis)	1	Dec 92/Dec 88	4.0	4.0	HC	Water	PL
Vermont							
Morrisville Village of							
Garfield (Lamoille)	HC1	94/ 94	1.3	1.2	HC	Water	PL
	HC2	94/ 94	1.3	1.2	HC	Water	PL
Swanton Village of							
Highgate Falls (Franklin)	4	Dec 89/Mar 88	4.5	4.5	HC	Water	CO
Virginia							
Culpeper Town of							
Culpeper (Culpeper)	1A	May 92/May 92	2.0	1.8	IC	FO2	PL
	2A	May 89/Sep 87	2.0	1.8	IC	FO2	CO
Virginia Electric & Power Co							
Chesterfield (Chesterfield)	7	Jun 90/Apr 92	72.0	60.2	CW	WH	CO
	7A	Jun 90/Apr 92	147.0	119.4	CT	Nat Gas	CO
	8A	Jun 92/Jun 92	230.8	184.0	CT	Nat Gas	PL
	8B	Jun 92/Jun 92	83.8	69.6	CW	WH	PL
Gravel Neck (Surry)	NA1	Jan 96/Jan 96	800.0	625.0	GT	FO2	PL
	NA2	Jan 97/Jan 97	800.0	625.0	GT	FO2	PL
	NA3	Jun 89/Jun 89	82.6	67.8	GT	FO2	PL
	NA4	Jun 89/Jun 89	82.6	67.8	GT	FO2	PL
	NA5	Nov 89/Nov 89	82.6	67.8	GT	FO2	PL
	NA6	Nov 89/Nov 89	82.6	67.8	GT	FO2	PL
Washington							
PUD No 1 of Pend Oreille Cnty							
Sullivan Creek (Pend Oreille)	1	Sep 95/Sep 89	8.0	8.2	HC	Water	PL
	2	Sep 95/Sep 89	8.0	8.2	HC	Water	PL

See footnotes at end of table.

Table 21. Projected Electric Generating Unit Additions, by State, Company, and Plant, 1989-1998, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Scheduled Completion Date Current/Original	Generator Nameplate Capacity	Summer Capability (megawatts)	Unit Type[1]	Energy Source[1]	Unit Status[3]
Washington							
PUD No 2 of Grant County							
PEC Headworks (Grant)	1	Jun 89/Apr 89	6.7	6.8	HC	Water	CO
Seattle City of							
South Fork Tolt (King)	1	94/Nov 85	15.0	15.8	HC	Water	PL
Tacoma City of							
Wynoochee (Grays Harbor)	1	Jan 92/Jun 91	7.5	7.7	HC	Water	PL
	2	Jan 92/Jun 91	3.3	3.3	HC	Water	PL
Wisconsin							
Dahlberg Light & Power Co							
Solon Diesel (Douglas)	3	Jun 89/Jun 89	1.0	0.9	IC	FO2	CO
	4	Jun 89/Jun 89	1.0	0.9	IC	FO2	CO
	5	Jun 89/Jun 89	1.0	0.9	IC	FO2	CO
Madison Gas & Electric Co							
Combustion Turbine (Dane)	1	Jun 95/Jun 95	90.0	73.7	GT	Nat Gas	PL
	2	Jun 98/Jun 98	45.0	37.4	GT	Nat Gas	PL
Muscoda City of							
Muscoda (Richland)	3	Mar 89/ 83	2.0	2.0	ST	STM	CO
Wisconsin Electric Power Co							
NA 1 (UNKNOWN)	1	Jun 93/Jun 93	75.0	61.7	GT	Nat Gas	PL
	10	Jun 98/Jun 98	75.0	61.7	GT	Nat Gas	PL
	2	Jun 93/Jun 93	75.0	61.7	GT	Nat Gas	PL
	3	Jun 93/Jun 93	3.0	3.0	HC	Water	PL
	4	Jun 94/Jun 94	75.0	61.7	GT	Nat Gas	PL
	5	Jun 94/Jun 94	75.0	61.7	GT	Nat Gas	PL
	6	Jun 95/Jun 95	75.0	61.7	GT	Nat Gas	PL
	7	Jun 95/Jun 95	75.0	61.7	GT	Nat Gas	PL
	8	Jun 96/Jun 96	75.0	61.7	GT	Nat Gas	PL
	9	Jun 96/Jun 96	75.0	61.7	GT	Nat Gas	PL

---

[1] See Appendix B for definition of codes.

[2] Compressed Air Energy Storage.

[3] For unit status, PL means planned but not under construction, CO means under construction, and LP means in low power testing (Nuclear only).

[4] A jointly owned unit. See Appendix C for the list of owners.

Note: Where capacity appears as 0.0, value is less than 50 kW.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Appendix A

Technical Notes

Appendix A

Technical Notes

Sources of Data

A synopsis of the data collection system used to prepare *Inventory of Power Plants in the United States* is presented below.

Form EIA-860, "Annual Electric Generator Report"

The Energy Information Administration provides for the annual collection of data on electric utilities' existing power plants and their 10-year plans for constructing new plants and for generating unit additions, modifications, and retirements of existing plants. Data on Form EIA-860 are collected from all electric utilities in the United States and Puerto Rico that operate power plants or plan to operate a power plant within 10 years of the reporting year.

Instrument and Design History. Form EIA-860 was implemented in January 1985 to collect data as of year-end 1984. The Federal Energy Administration Act of 1974 (Public Law 93-275) defines the legislative authority to collect these data.

Data Processing. Data on Form EIA-860 are submitted through mail by 870 respondents. The forms are mailed to the respondents in December to collect data as of the end of the preceding calendar year. The completed forms are due at the EIA on February 15. Data for each respondent are preprinted from the applicable data base. Respondents are instructed to verify all preprinted data and to supply missing data. Processing of the data on Form EIA-860 is the responsibility of the Electric Power Division's Data Systems Branch of the Office of Coal, Nuclear, Electric and Alternate Fuels. The system used to process data reported on Form EIA-860 was designed by this office. The data are manually edited before being reduced for automatic data processing. Computer programs containing additional edit checks are run. Respondents are telephoned to obtain correction or clarification of reported data and to obtain missing data, as a result of the manual and automatic editing process.

Presentation. Data from Form EIA-860 are summarized in the *Inventory of Power Plants in the United States*. This report presents aggregate totals for electric utilities in the United States, the Federal regions, the North American Electric Reliability Council regions, the Census divisions, and within the States. The data are also used as input to publications and studies by other offices in the Department of Energy.

Information Collected. The five schedules contained in Form EIA-860 and a summary of the data elements reported on each are as follows.

1. Schedule I - Identification and Certification: Respondent's mailing address; name and telephone number of contact person; and name and title of certifying official.
2. Schedule II - Power Plant Site Information
    a. For each reported power plant, the following are specified: plant name; county location; State location; elevation; name of cooling water source or source of water for hydroelectric power; type of cooling; and indicator of plant usage for production of steam or hot water for nonutility use.

    b. Specifically, for each reported hydroelectric power plant, the following are specified: hydroelectric project name; area of pools; drainage area; for normal full upper pool, maximum drawdown, usable storage, and elevation; gross head; design head; and kind of plant.
3. Schedule III - Generator Information
    a. For each operable generator (active and inactive), the following are specified: plant name; generator identification; prime mover; nameplate rating; service type; date of first electricity; date of initial commercial operation; startup energy sources; energy sources used during the reporting year for the production of electricity; heat rate; net summer capability; and net winter capability.

    b. For each generator scheduled for initial operation within 10 years, the following are specified: plant name; generator identification; prime mover; nameplate rating; dates scheduled for first electricity generation; reasons for delays; proposed energy sources; and proposed net summer and net winter capabilities.

   c. Previously reported proposed generators that have been canceled during the reporting year are reported, along with the date of cancellation and reasons for cancellation.

   d. Proposed generators that have been indefinitely postponed are reported, along with the date the decision was made to postpone and the reasons for postponement.

   e. Generators that have been retired during the reporting year and their date of retirement are reported.

   f. Generators that have been sold to a nonutility during the reporting year and their date of sale are reported.

   g. Information is also reported for existing generators that, within the next 10 years, will be retired, will convert to another energy source, or will be modified for other reasons, such as prime mover change.

4. Schedule IV - Ownership of Generators Jointly Owned or Exclusively Owned by Others: For operable and planned generator additions that are jointly owned, or for any generator that the respondent operates, but has 100 percent ownership outside the operating company, the following are reported: plant name, generator identification, prime mover, each owner's name, and their percent ownership.

5. Schedule V - Coal-fired Steam Generators - Planning, Engineering, and Construction Milestones: For each coal-fired generator expected to start operation within 10 years, various planned and actual milestone dates are reported.

Quality of Data

The Office of Coal, Nuclear, Electric and Alternate Fuels (CNEAF) is responsible for routine data improvement and quality assurance activities. All operations of CNEAF are done in accordance with formal standards established by the Energy Information Administration (EIA). These standards are the guidelines for ensuring quality statistics. Data improvement efforts include verification of data-keyed input by automatic computerized methods, editing by subject matter specialists, and followup on nonrespondents. The CNEAF supports the quality assurance efforts of the data collectors by providing advisory reviews of information requirements, and of proposed designs for new and revised data collection forms and systems. The actual performance of working data collection systems is validated once they are implemented. Respondents' computerized data files are checked to identify those who fail to respond to the survey. By law, nonrespondents may be fined or otherwise penalized for not filing an EIA data form as prescribed in the instructions. Before invoking the law, the EIA tries to obtain the required information by encouraging cooperation of nonrespondents.

Completed forms received by the CNEAF are sorted, screened for completeness of reported information, and keyed onto computer tapes for storage and transfer to data bases on random access storage devices for computer processing. The information coded on the computer tapes is spot-checked against the forms by hand to certify the accuracy of the tapes.

Updating and Editing of Data

Automated systems used to edit data include both deterministic checks, in which records are checked for the presence of data in required fields, and statistical checks, in which the data are checked against a range of values based on historical data values and for logical or mathematical consistency with data elements reported in the source documents.

Data Correction Procedure

The Office of Coal, Nuclear, Electric and Alternate Fuels has adopted the following policy with respect to the revision and correction of data published in energy data reports and made available in a machine format:

1. All data collected by this office (excluding secondary source data) will be published as preliminary data when first appearing in an energy data report.

2. The next publication of the data will be in final form when the data base is closed.

3. Revisions or corrections will be made only in the event that a substantial (greater than 1 percent) reporting change is received or a substantial (greater than 1 percent) error is discovered.

4. Revisions or corrections to published secondary source data will be made if and when the organization from which the data were received revises or corrects the data.

5. No revisions will be made without the approval of the Director, Office of Coal, Nuclear, Electric and Alternate Fuels.

Confidentiality of the Data

Data collected on Form EIA-860 are not confidential.

Obtaining Copies of Data

Upon EIA approval of the *Inventory of Power Plants in the United States*, the data become available for public use in computer-generated reports. These reports may be obtained by submitting a written request, along with a check for $25 (payable to the U.S. Treasury) to the following address:

Energy Information Administration
Electric Power Division, EI-541
Forrestal Building, Room 2F-049
Washington, DC 20585

These data are also available on machine-readable tapes. Tapes may be purchased by using Visa, Mastercard, or American Express Cards, as well as money orders or checks payable to the National Technical Information Service (NTIS). Purchasers may also use NTIS and Government Printing Office depository accounts. To place an order, contact:

National Technical Information Services
Office of Data Base Services
U.S. Department of Commerce
5285 Port Royal Road
Springfield, Virginia 22161
(703) 487-4650

Explanatory Notes

U.S. Aggregates

Data from Form EIA-860 are submitted at the generating unit level. These data are then aggregated to provide totals by energy source (coal, petroleum, gas, water, nuclear, other) and geographic area (State, NERC region, Federal region, Census division). Additionally, at the national level data are aggregated to provide totals by prime mover.

NERC Aggregates

Beginning with the 1986 edition of *Inventory of Power Plants in the United States*, NERC region totals are aggregates based on company ownership of electric generating unit/capacity within region. That is, for each electric generating unit that is owned jointly by companies that are associated with different NERC regions, the unit along with the share of capacity for each owner company has been allocated to the companies' respective NERC regions. In prior issues, NERC region totals are aggregates based on the assignment of units/capacity to the NERC region with which the utility operating the unit is associated.

Net Summer Capability and Net Winter Capability Estimates

Estimated values for net summer capability and net winter capability for electric generating units were developed by use of a regression formula. In all formulas,

> the symbol, *, is an operator meaning multiplied by; the symbol, **, is an operator meaning raised to the specified power (exponent).

For non-nuclear units,

> Net Summer Capability=E**(i+(ln(Generator Nameplate Capacity)*c)),
>
> where
>
> E, the base of natural logarithms (ln), is approximately 2.71828,
>
> Generator Nameplate Capacity is expressed in megawatts,
>
> i is the intercept, c is the regression coefficient,
>
> i= 0.02564, c=0.98423, for steam units (Unit Type, ST)
>
> i=-0.10255, c=0.97841, for gas-turbine units (Unit Types, GT, JE)
>
> i=-0.00397, c=0.95914, for combined-cycle units (Unit Types, CA, CS, CW, CT)
>
> i=-0.08865, c=1.00966, for internal combustion units (Unit Type, IC)
>
> i=-0.04963, c=1.03738, for conventional and pipeline hydroelectric units (Unit Types, HC, HL)
>
> i=-0.00922, c=1.00630, for pumped-storage hydroelectric units (Unit Type, HR)
>
> i=-0.02604, c=0.98289, for all other units (Unit Types, FC, GE, OC, SP, SS, WT)
>
> Net Winter Capability=(E**i)*(Generator Nameplate Capacity**c),
>
> where
>
> E, the base of natural logarithms (ln), is approximately 2.71828,
>
> Generator Nameplate Capacity is expressed in megawatts, for conventional hydroelectric and pipeline hydroelectric units, and in kilowatts for all other unit types,
>
> i is the intercept, c is the regression coefficient,
>
> i= 0.1614, c=0.98373, for steam units (Unit Type, ST)
>
> i= 0.2249, c=0.97881, for gas-turbine units (Unit Types, GT, JE)
>
> i= 0.9626, c=0.90413, for combined-cycle units (Unit Types, CA, CS, CW, CT)

i=-0.1378, c=1.02501, for internal combustion units (Unit Type, IC)

i=-0.0608, c=1.02560, for conventional and pipeline hydroelectric units (Unit Types, HC, HL)

i=-0.1167, c=1.08540, for pumped-storage hydroelectric units (Unit Type, HR)

i= 0.2859, c=0.96587, for all other units (Unit Types, FC, GE, OC, SP, SS, WT).

Generator Nameplate Capacity Versus Generator Capability

Generator nameplate capacity is determined by the generator manufacturer under specified test conditions normally conducted at the factory. The manufacturer stamps the achieved test capacity on the metal nameplate attached to the generator. Generator capability, on the other hand, is determined by the utility operating the generator, and is based on historical performance of the generator and associated equipment. Generator nameplate capacity and generator capability generally differ from each other because the test conditions used to establish the nameplate rating differ from those normally encountered in daily power plant operations. Different steam working pressures and temperatures, capacity limitations of boilers, cooling systems, turbines, and environmental control equipment, different hydrogen pressures used to cool the generator, and reliability considerations cause discrepancies between nameplate and operating capacity.

Generator nameplate capacity reflects the capability of the generator to generate electricity without regard to electrical loads from associated equipment such as boilers, particulate collectors, flue gas desulfurization units, and plant lighting. Generator nameplate capacity is therefore the gross capacity of the equipment. Net capability refers to the ability of the generator to generate electric power, taking into consideration the electrical requirements of associated plant equipment. For example, the electricity to run flue gas desulfurization equipment comes from electricity generated at the plant. Net, therefore, refers to the electricity available to be sent offsite (for consumption) after plant electrical loads have been satisfied.

Net summer and net winter capability (the capacity of the generator that is generally achievable during the summer and winter months, respectively, after plant electrical requirements have been satisfied) is determined by the utility operating the generator on the basis of historical performance of the generator and associated equipment. The summer and winter figures are usually not the same because of the differences in ambient temperatures during each season. Power plant cooling capacity, an essential part of electric power generation, decreases as air and water temperatures increase. Summer capability is therefore generally lower than winter capability, because high summer temperatures can strain power plant cooling capacity to the extent that maximum electric power generation cannot be achieved. The statistics cited in the narrative in this publication are based on net summer capability, unless specified otherwise.

6. Definitions of Terms

Operable Capacity/Operable Units

Capacity/units that are operable, including those that are on standby and those that are out of service for an indefinite period of time.

Year of Initial Operation

The year the unit became available to provide power to the grid; for a nuclear unit, the year of initial operation is the year in which the Nuclear Regulatory Commission issued the Full Power Operating License for the reactor.

Generator Nameplate Capacity

The rating assigned by the generator manufacturer and appearing on the generator's nameplate.

Planned Additions/Additional Units

Capacity/units scheduled for initial operation within 10 years of the reporting period of the publication, unless otherwise specified.

Scheduled Completion

Current/Original: For projected generating unit additions, the estimated date the unit is scheduled to start generating electricity to the electrical grid, both the current date and the original scheduled date.

Status

Operable: Units in operation (either active or in extended shutdown status) as of the end of the reporting year of this publication.

Projected: Units proposed to start operation within 10 years of the reporting period of this publication.

Low Power Testing (LP): For nuclear electric generating units only; unit is being tested at less than full power and is not considered operable.

Planned (PL): Projected for initial operation within 10 years of the reporting period, but not yet under construction.

Under Construction (CO): Projected for initial operation within 10 years of the reporting period; ground breaking or site preparation has begun.

Testing (TS): Unit is operable, in testing phase, but not yet in commercial operation.

Summer Capability

The steady hourly output which generating equipment is expected to supply to system load exclusive of auxiliary power, as demonstrated by testing at the time of summer peak demand.

Winter Capability

The steady hourly output which generating equipment is expected to supply to system load exclusive of auxiliary power as demonstrated by testing at the time of winter peak demand.

Rounding Rules for Data

Given an n digit number with r digits to the left of the decimal and d+t digits in the fraction part, with d being the place to which the number is to be rounded and t being the remaining digits which will be truncated, this number is rounded to r+d digits by adding 5 to the (r+d+1)th digit when the number is positive or by subtracting 5 when the number is negative. The t digits are then truncated at the (r+d+1)th digit. The symbol for a rounded number truncated to zero is (*).

Use of the Glossary

The terms in the Glossary have been defined for general use. Restrictions on the definitions as used in these data collection systems are included in each definition when necessary to define the terms as they are used in this report.

Appendix B

Definitions of Table Codes

Appendix B

Definitions of Table Codes

Table B1. Definitions of Energy Source Codes

Energy Source Code	Definition
ANT	Anthracite Coal
BFG	Blast-Furnace Gas
BIT	Bituminous Coal
COG	Coke-Oven Gas
Coal (COL)	Coal (general)
COM	Coal-Oil Mixture
CRU	Crude Oil
CWM	Coal-Water Mixture
FO1	No. 1 Fuel Oil
FO2	No. 2 Fuel Oil
FO4	No. 4 Fuel Oil
FO5	No. 5 Fuel Oil
FO6	No. 6 Fuel Oil
GAS	Gas (general)
GST	Geothermal Steam
Jet Fuel (JF)	Jet Fuel
KER	Kerosene
LIG	Lignite
LNG	Liquified Natural Gas
LPG	Liquid Propane Gas
MF	Multifueled
MTH	Methanol
Nat Gas (NG)	Natural Gas
PC	Petroleum Coke
PET	Petroleum (general)
PL	Plutonium
REF	Refuse, Bagasse, or any other nonwood waste
RG	Refinery Gas
RRO	Re-refined Motor Oil
SNG	Synthetic Natural Gas
STM	Steam
SUB	Subbituminous Coal
SUN	Sun
TOP	Top Crude Oil
UR	Uranium
Water (WAT)	Water
WD	Wood or Wood Waste
WH	Waste Heat
WND	Wind

Table B2. Definitions of Energy Source Codes Used in the Summary Statistics

Definition	Energy Source Codes
Nuclear	Uranium (UR), PL
Water	Water (WAT)
Petroleum	RRO, FO1, FO2, FO4, FO5,FO6, CRU, Jet Fuel (JF), KER, TOP,PET, PC
Coal	COAL, BIT, SUB, ANT, LIG
Gas	LNG, GAS, Nat Gas (NG), SNG, RG, BFG,COG, LPG
Other	All other energy sources not specified above.

Table B3. Definitions of Unit Type Codes

Unit Type Code	Definition
CA	Combined Cycle Steam Turbine with Supplementary Firing
CT	Combined Cycle Combustion Turbine
CS	Combined Cycle - Single Shaft
CW	Combined Cycle Steam Turbine with Only Waste Heat Capability
FC	Fuel Cell
GE	Steam Turbine - Geothermal
GT	Combustion (gas) Turbine
HC	Hydraulic Turbine - Conventional
HL	Hydraulic Turbine - Pipeline
HR	Hydraulic Turbine - Reversible (pumped storage)
IC	Internal Combustion (diesel)
JE	Jet Engine
NB	Steam Turbine - Boiling Water Nuclear Reactor
NG	Steam Turbine - Graphite Nuclear Reactor
NH	Steam Turbine - High Temperature Gas Nuclear Reactor
NP	Steam Turbine - Pressurized Water Nuclear Reactor
OC	Ocean Thermal Turbine
SP	Photovoltaic
SS	Steam Turbine - Solar
ST	Steam Turbine - Boiler
WT	Wind Turbine

Table B4. State, Federal Region, NERC Region, and Census Division Cross Reference

State	Federal Region	NERC Region	Census Division
Alabama	4	SERC	East South Central
Alaska	10	ASCC	Pacific
Arizona	9	WSCC	Mountain
Arkansas	6	SPP	West South Central
California	9	WSCC	Pacific
Colorado	8	WSCC	Mountain
Connecticut	1	NPCC	New England
Delaware	3	MAAC	South Atlantic
Dist. of Col.[1]	3	MAAC	South Atlantic
Florida	4	SERC	South Atlantic
Georgia	4	SERC	South Atlantic
Hawaii	9	HICC	Pacific
Idaho	10	WSCC	Mountain
Illinois	5	MAIN	East North Central
Indiana	5	ECAR	East North Central
Iowa	7	MAPP	West North Central
Kansas	7	SPP	West North Central
Kentucky	4	ECAR, SERC	East South Central
Louisiana	6	SPP	West South Central
Maine	1	NPCC	New England
Maryland	3	MAAC, ECAR	South Atlantic
Massachusetts	1	NPCC	New England
Michigan	5	ECAR, MAIN	East North Central
Minnesota	5	MAPP	West North Central
Mississippi	4	SERC, SPP	East South Central
Missouri	7	MAIN, SPP	West North Central
Montana	8	WSCC, MAPP	Mountain
Nebraska	7	MAPP, WSCC	West North Central
Nevada	9	WSCC	Mountain
New Hampshire	1	NPCC	New England
New Jersey	2	MAAC	Middle Atlantic
New Mexico	6	WSCC, SPP	Mountain
New York	2	NPCC	Middle Atlantic
North Carolina	4	SERC	South Atlantic
North Dakota	8	MAPP	West North Central
Ohio	5	ECAR	East North Central
Oklahoma	6	SPP	West South Central
Oregon	10	WSCC	Pacific
Pennsylvania	3	MAAC, ECAR	Middle Atlantic
Puerto Rico[1]	2		
Rhode Island	1	NPCC	New England
South Carolina	4	SERC	South Atlantic
South Dakota	8	MAPP, WSCC	West North Central
Tennessee	4	SERC	East South Central
Texas	6	ERCOT, SPP, WSCC	West South Central
Utah	8	WSCC	Mountain
Vermont	1	NPCC	New England
Virginia	3	SERC, ECAR	South Atlantic
Washington	10	WSCC	Pacific
West Virginia	3	ECAR	South Atlantic
Wisconsin	5	MAIN, MAPP	East North Central
Wyoming	8	WSCC	Mountain

[1] Treated as a State in this publication.

Appendix C

Jointly Owned Electric Generating Units

Appendix C

Jointly Owned Electric Generating Units

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Alabama								
Alabama Power Co								
E C Gaston (Shelby)	GT4	15.8	GT	FO2	OP	1970		
	ST4	266.0	ST	BIT	OP	1962		
	1	258.9	ST	BIT	OP	1960		
	2	262.8	ST	BIT	OP	1960		
	3	259.9	ST	BIT	OP	1961		
							Alabama Power Co	50.00
							Georgia Power Co	50.00
Greene County (Greene)	1	255.6	ST	BIT	OP	1965		
	2	256.1	ST	BIT	OP	1966		
							Alabama Power Co	60.00
							Mississippi Power Co	40.00
Alaska								
Alaska Electric G & T Coop Inc								
Soldotna (Kenai Peninsula)	GT1	37.9	GT	FO2	OP	1985		
							Homer Electric Assn Inc	50.00
							Matanuska Electric Assn Inc	50.00
Ketchikan City of								
Swan Lake Hydro (Ketchikan Gateway)	1	11.3	HC	Water	OP	1984		
	2	11.3	HC	Water	OP	1984		
							Alaska Power Authority	100.00
Arizona								
Arizona Public Service Co								
Palo Verde (Maricopa)	1	1221.0	NP	Uranium	OP	1985		
	2	1221.0	NP	Uranium	OP	1986		
	3	1221.0	NP	Uranium	OP	1987		
							Arizona Public Service Co	29.10
							Salt River Proj Ag I & P Dist	17.49
							Southern California Edison Co	15.80
							El Paso Electric Co	15.80
							Public Service Co of NM	10.20
							Southern California P P A	5.91
							Los Angeles City of	5.70
Yuma Axis (Yuma)	1	75.0	ST	Nat Gas	OP	1959		
							Arizona Public Service Co	33.34
							Southern California Edison Co	33.33

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Arizona								
Arizona Public Service Co								
							Imperial Irrigation District	33.33
Salt River Proj Ag I & P Dist								
Coronado (Apache)	CO1	350.0	ST	BIT	OP	1979		
							Salt River Proj Ag I & P Dist	100.00
Navajo (Coconino)	NAV1	750.0	ST	SUB	OP	1974		
	NAV2	750.0	ST	SUB	OP	1975		
	NAV3	750.0	ST	SUB	OP	1976		
							Salt River Proj Ag I & P Dist	21.70
							Arizona Public Service Co	14.00
							Tucson Electric Power Co	7.50
							Los Angeles City of	21.20
							Nevada Power Co	11.30
							Bureau of Reclamation	24.30
Arkansas								
Arkansas Power & Light Co								
Independence (Independence)	1	836.0	ST	SUB	OP	1982		
	2	842.0	ST	SUB	OP	1984		
							Arkansas Electric Coop Corp	35.00
							Arkansas Power & Light Co	31.50
							Mississippi Power & Light Co	25.00
							Jonesboro Town of	5.00
							Conway Corp	2.00
							West Memphis City of	1.00
							Osceola City of	0.50
White Bluff (Jefferson)	1	815.0	ST	SUB	OP	1980		
	2	844.0	ST	SUB	OP	1981		
							Arkansas Power & Light Co	57.00
							Arkansas Electric Coop Corp	35.00
							Jonesboro Town of	5.00
							Conway Corp	2.00
							West Memphis City of	1.00
Southwestern Electric Power Co								
Flint Creek (Benton)	1	480.0	ST	SUB	OP	1978		
							Southwestern Electric Power Co	50.00
							Arkansas Electric Coop Corp	50.00
California								
California Dept-Wtr Resources								
San Luis (Merced)	1	51.0	HR	Water	OP	1968		
	2	50.0	HR	Water	OP	1967		
	3	50.0	HR	Water	OP	1967		
	4	50.0	HR	Water	OP	1967		
	5	50.0	HR	Water	OP	1967		
	6	50.0	HR	Water	OP	1967		
	7	50.0	HR	Water	OP	1967		
	8	50.0	HR	Water	OP	1966		
							California Dept-Wtr Resources	55.00
							Bureau of Reclamation	45.00
Modesto Irrigation District								
New Hogan (Calaveras)	NA1	2.0	HC	Water	OP	1986		
	NA2	1.0	HC	Water	OP	1986		
							Calaveras County Water Dist	100.00
Oakdale & South San Joaquin								
Sand Bar (Tuolumne)	1	16.2	HC	Water	OP	1986		
							Tri-Dam Power Authority	100.00
Sacramento Municipal Util Dist								
Camp Far West (Placer)	1	6.8	HC	Water	OP	1985		
							South Sutter Water District	100.00
Coldwater Creek (Sonoma)	GE1	59.0	GE	GST	OP	1988		
	GE2	59.0	GE	GST	OP	1988		

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
California								
Sacramento Municipal Util Dist								
							Sacramento Municipal Util Dist	50.00
							Modesto Irrigation District	40.00
							Santa Clara City of	10.00
Southern California Edison Co								
San Onofre (San Diego)	1	436.0	NP	Uranium	OP	1967		
							Southern California Edison Co	80.00
							San Diego Gas & Electric Co	20.00
	2	1070.0	NP	Uranium	OP	1982		
	3	1080.0	NP	Uranium	OP	1983		
							Southern California Edison Co	75.05
							San Diego Gas & Electric Co	20.00
							Anaheim City of	3.16
							Riverside City of	1.79
Turlock Irrigation District								
Don Pedro (Tuolumne)	1	55.0	HC	Water	OP	1970		
	2	55.0	HC	Water	OP	1971		
	3	55.0	HC	Water	OP	1971		
	4	37.3	HC	Water	CO	1989		
							Turlock Irrigation District	68.46
							Modesto Irrigation District	31.54
Colorado								
Centel Corp								
W N Clark (Fremont)	1	19.0	ST	BIT	OP	1955		
							Colorado-Ute Electric Assn Inc	100.00
Colorado-Ute Electric Assn Inc								
Craig (Moffat)	1	428.0	ST	BIT	OP	1980		
	2	428.0	ST	BIT	OP	1979		
							Colorado-Ute Electric Assn Inc	29.00
							Salt River Proj Ag I & P Dist	29.00
							Tri-State G & T Assn Inc	24.00
							Platte River Power Authority	18.00
Hayden (Routt)	2	262.0	ST	BIT	OP	1976		
							Colorado-Ute Electric Assn Inc	50.00
							Salt River Proj Ag I & P Dist	50.00
Connecticut								
Connecticut Yankee Atom Pwr Co								
Haddam Neck (Middlesex)	1	565.0	NP	Uranium	OP	1967		
							Connecticut Light & Power Co	34.50
							Public Service Co of NH	5.00
							New England Power Co	15.00
							Boston Edison Co	9.50
							United Illuminating Co	9.50
							Western Massachusetts Elec Co	9.50
							Central Maine Power Co	6.00
							Cambridge Electric Light Co	4.50
							Montaup Electric Co	4.50
							Central Vermont Pub Serv Corp	2.00
Northeast Nuclear Energy Co								
Millstone (New London)	1	652.0	NB	Uranium	OP	1970		
	2	662.9	NP	Uranium	OP	1975		
							Connecticut Light & Power Co	81.00
							Western Massachusetts Elec Co	19.00
	3	1137.0	NP	Uranium	OP	1986		
							Connecticut Light & Power Co	52.93
							Western Massachusetts Elec Co	12.24
							New England Power Co	12.20
							Small Mun & Coop	3.05
							Massachusetts Mun Wnls Elec Co	4.80
							Montaup Electric Co	4.01
							United Illuminating Co	3.69

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Connecticut								
Northeast Nuclear Energy Co								
							Public Service Co of NH	2.85
							Central Maine Power Co	2.50
							Central Vermont Pub Serv Corp	1.73
United Illuminating Co								
New Haven Harbor (New Haven)	1	447.0	ST	FO6	OP	1975		
							United Illuminating Co	93.71
							Fitchburg Gas & Elec Light Co	4.50
							Holyoke City of	1.12
							North Attleborough Town of	0.45
							Littleton Town of	0.22
Florida								
Florida Power & Light Co								
St Lucie (St Lucie)	2	839.0	NP	Uranium	OP	1983		
							Florida Power & Light Co	85.11
							Florida Municipal Power Agency	8.81
							Orlando City of	6.08
Florida Power Corp								
Crystal River (Citrus)	3	666.0	NP	Uranium	OP	1977		
							Florida Power Corp	90.00
							Small Mun & Coop	6.70
							Orlando City of	1.60
							Seminole Electric Coop Inc	1.70
Jacksonville Electric Auth								
St Johns River Power (Duval)	1	624.0	ST	BIT	OP	1986		
	2	624.0	ST	BIT	OP	1988		
							Jacksonville Electric Auth	50.00
							Florida Power & Light Co	50.00
Lakeland City of								
C D McIntosh Jr (Polk)	3	332.0	ST	BIT	OP	1982		
							Lakeland City of	60.00
							Orlando City of	40.00
Orlando Utilities Comm								
Indian River (Brevard)	CT1	32.0	GT	Nat Gas	CO	1989		
	CT2	32.0	GT	Nat Gas	CO	1989		
							Orlando Utilities Comm	48.80
							Florida Municipal Power Agency	39.00
							Kissimmee Utility Authority	12.20
Stanton Energy (Orange)	1	438.0	ST	FO2	OP	1987		
							Orlando Utilities Comm	68.55
							Florida Municipal Power Agency	26.63
							Kissimmee Utility Authority	4.82
Seminole Electric Coop Inc								
Seminole (Putnam)	2	605.0	ST	BIT	OP	1984		
							Connecticut Bank & Trust Co	100.00
Georgia								
Georgia Power Co								
Edwin I Hatch (Appling)	1	759.9	NB	Uranium	OP	1974		
	2	771.8	NB	Uranium	OP	1978		
							Georgia Power Co	50.10
							Oglethorpe Power Corp	30.00
							Municipal Electric Authority	17.70
							Dalton City of	2.20
Scherer (Monroe)	1	845.2	ST	BIT	OP	1981		
	2	840.0	ST	BIT	OP	1983		
							Oglethorpe Power Corp	60.00
							Municipal Electric Authority	30.20
							Georgia Power Co	8.40
							Dalton City of	1.40

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	**Unit ID**	**Summer Capability (megawatts)**	**Unit Type**[1]	**Primary Energy Source**[1]	**Status**	**Date**	**Owner Companies**[2]	**Percent Owned**
Georgia								
Georgia Power Co								
	3	848.7	ST	BIT	OP	1986		
							Georgia Power Co	75.00
							Gulf Power Co	25.00
Vogtle (Burke)	1	1085.5	NP	Uranium	OP	1987		
	2	1086.0	NP	Uranium	CO	1989		
							Georgia Power Co	50.70
							Oglethorpe Power Corp	30.00
							Municipal Electric Authority	17.70
							Dalton City of	1.60
Wansley (Heard)	1	849.0	ST	BIT	OP	1976		
	2	848.7	ST	BIT	OP	1978		
	5A	42.6	GT	FO2	OP	1980		
							Georgia Power Co	53.50
							Oglethorpe Power Corp	30.00
							Municipal Electric Authority	15.10
							Dalton City of	1.40
Idaho								
Fall River Rural Elec Coop Inc								
New Felt (Teton)	HC1	5.5	HC	Water	OP	1985		
	HC2	0.0	HC	Water	OP	1985		
							Cdm Hydroelectric Co	100.00
Illinois								
Commonwealth Edison Co								
Quad Cities (Rock Island)	1	769.0	NB	Uranium	OP	1972		
	2	769.0	NB	Uranium	OP	1972		
							Commonwealth Edison Co	75.00
							Iowa-Illinois Gas&Electric Co	25.00
Electric Energy Inc								
Joppa Steam (Massac)	1	1014.0	ST	BIT	OP	1953		
	2	0.0	ST	BIT	OP	1953		
	3	0.0	ST	BIT	OP	1954		
	4	0.0	ST	BIT	OP	1954		
	5	0.0	ST	BIT	OP	1955		
	6	0.0	ST	BIT	OP	1955		
							Union Electric Co	40.00
							Illinois Power Co	20.00
							Kentucky Utilities Co	20.00
							Central Illinois Pub Serv Co	20.00
Illinois Power Co								
Clinton (De Witt)	1	930.0	NB	Uranium	OP	1987		
							Illinois Power Co	86.50
							Soyland Power Coop Inc	7.10
							Western Illinois Pwr Coop Inc	6.40
Indiana								
Public Service Co of IN Inc								
Gibson (Gibson)	5	620.0	ST	BIT	OP	1982		
							Public Service Co of IN Inc	50.10
							Small Mun & Coop	49.90
Southern Indiana Gas & Elec Co								
Warrick (Warrick)	4	270.0	ST	BIT	OP	1970		
							Southern Indiana Gas & Elec Co	50.00
							Alcoa Generating Corp	50.00
Iowa								
Central Iowa Power Coop								
Fair Station (Muscatine)	1	23.5	ST	BIT	OP	1959		

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Iowa								
Central Iowa Power Coop								
	2	41.5	ST	BIT	OP	1967		
							Eastern Iowa Light&Power Coop	100.00
Iowa Electric Light & Power Co								
Duane Arnold (Linn)	1	500.0	NB	Uranium	OP	1974		
							Iowa Electric Light & Power Co	70.00
							Central Iowa Power Coop	20.00
							Corn Belt Power Coop	10.00
Prairie Creek (Linn)	1	22.0	ST	BIT	OS	1950		
	2	22.0	ST	BIT	OP	1951		
	3	49.0	ST	BIT	OP	1958		
							Central Iowa Power Coop	100.00
Iowa Power & Light Co								
Council Bluffs (Pottawattamie)	3	675.0	ST	SUB	OP	1978		
							Iowa Power & Light Co	46.70
							Iowa-Illinois Gas&Electric Co	32.40
							Central Iowa Power Coop	11.50
							Corn Belt Power Coop	3.80
							Cedar Falls City of	3.10
							Atlantic City of	2.50
Iowa Public Service Co								
George Neal (Woodbury)	3	515.0	ST	BIT	OP	1975		
							Iowa-Illinois Gas&Electric Co	29.00
							Iowa Southern Utilities Co	28.00
							Iowa Power & Light Co	23.00
							Iowa Public Service Co	20.00
	4	600.0	ST	BIT	OP	1979		
							Iowa Public Service Co	40.57
							Interstate Power Co	21.53
							Northwest Iowa Power Coop	9.03
							Northwestern Public Service Co	8.68
							Corn Belt Power Coop	9.03
							Algona City of	2.93
							Webster City City of	2.60
							Cedar Falls City of	2.50
							Spencer City of	1.22
							Small Mun & Coop	1.91
Iowa Southern Utilities Co								
Ottumwa (Wapello)	1	675.0	ST	SUB	OP	1981		
							Iowa Southern Utilities Co	33.00
							Iowa Public Service Co	18.50
							Iowa-Illinois Gas&Electric Co	18.50
							Iowa Power & Light Co	15.00
							Iowa Electric Light & Power Co	15.00
Iowa-Illinois Gas&Electric Co								
Louisa (Louisa)	1	650.0	ST	SUB	OP	1983		
							Iowa-Illinois Gas&Electric Co	43.00
							Iowa Power & Light Co	30.50
							Iowa Public Service Co	14.50
							Central Iowa Power Coop	4.60
							Interstate Power Co	4.00
							Waverly City of	1.10
							Small Mun & Coop	2.30
Kansas								
Kansas City Power & Light Co								
La Cygne (Linn)	1	686.0	ST	BIT	OP	1973		
	2	630.0	ST	SUB	OP	1977		
							Kansas Gas & Electric Co	50.00
							Kansas City Power & Light Co	50.00

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Kansas								
Kansas Power & Light Co								
Jeffrey Energy Centr (Pottawatomie)	1	664.0	ST	SUB	OP	1978		
	2	672.0	ST	SUB	OP	1980		
	3	680.0	ST	SUB	OP	1983		
							Kansas Power & Light Co	64.00
							Kansas Gas & Electric Co	20.00
							UtiliCorp United Inc	8.00
							Centel Corp	8.00
Wolf Creek Nuclear Oper Corp								
Wolf Creek (Coffey)	1	1126.0	NP	Uranium	OP	1985		
							Kansas Gas & Electric Co	47.00
							Kansas City Power & Light Co	47.00
							Small Mun & Coop	6.00
Kentucky								
Big Rivers Electric Corp								
HMP&L Station 2 (Henderson)	1	154.0	ST	BIT	OP	1973		
	2	161.0	ST	BIT	OP	1974		
							Henderson City of	100.00
Cincinnati Gas & Electric Co								
East Bend (Boone)	2	600.0	ST	BIT	OP	1980		
							Cincinnati Gas & Electric Co	69.00
							Dayton Power & Light Co	31.00
Louisiana								
Cajun Electric Power Coop Inc								
Big Cajun 2 (Pointe Coupee)	3	540.0	ST	SUB	OP	1983		
							Cajun Electric Power Coop Inc	58.00
							Gulf States Utilities Co	42.00
Central Louisiana Elec Co Inc								
Dolet Hills (De Soto)	1	640.0	ST	LIG	OP	1985		
							Southwestern Electric Power Co	50.00
							Central Louisiana Elec Co Inc	50.00
Rodemacher (Rapides)	2	523.0	ST	SUB	OP	1982		
							Lafayette Public Power Auth	50.00
							Central Louisiana Elec Co Inc	30.00
							Louisiana Energy & Power Auth	20.00
Gulf States Utilities Co								
R S Nelson (Calcasieu)	1	100.0	ST	Nat Gas	OP	1959		
	2	100.0	ST	Nat Gas	OP	1959		
							Nelson Industrial Steam Co	100.00
	6	550.0	ST	SUB	OP	1982		
							Gulf States Utilities Co	70.00
							Sam Rayburn G & T Inc	10.00
							Small Mun & Coop	20.00
River Bend (West Feliciana)	1	936.0	NB	Uranium	OP	1985		
							Gulf States Utilities Co	70.00
							Cajun Electric Power Coop Inc	30.00
Maine								
Central Maine Power Co								
William F Wyman (Cumberland)	4	614.5	ST	FO6	OP	1978		
							Central Maine Power Co	59.15
							Small Mun & Coop	10.87
							New England Power Co	9.27
							Bangor Hydro-Electric Co	8.33
							Boston Edison Co	5.89
							Maine Public Service Co	3.35
							Public Service Co of NH	3.14

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Massachusetts								
Canal Electric Co								
Canal (Barnstable)	2	580.0	ST	FO6	OP	1976		
							Canal Electric Co	50.00
							Montaup Electric Co	50.00
Massachusetts Mun Whls Elec Co								
Stony Brook (Hampden)	CT1	195.0	CT	FO2	OP	1981		
	CW1	100.0	CW	WH	OP	1981		
							Massachusetts Mun Whls Elec Co	90.76
							Green Mountain Power Corp	8.80
							Lyndonville Village of	0.44
Western Massachusetts Elec Co								
Northfield Mountain (Franklin)	1	250.0	HR	Water	OP	1972		
	2	250.0	HR	Water	OP	1973		
	3	250.0	HR	Water	OP	1973		
	4	250.0	HR	Water	OP	1972		
							Connecticut Light & Power Co	81.00
							Western Massachusetts Elec Co	19.00
Yankee Atomic Electric Co								
Yankee Rowe (Franklin)	1	167.0	NP	Uranium	OP	1960		
							New England Power Co	30.00
							Connecticut Light & Power Co	24.50
							Public Service Co of NH	7.00
							Boston Edison Co	9.50
							Commonwealth Electric Co	2.50
							Western Massachusetts Elec Co	7.00
							Montaup Electric Co	4.50
							Central Maine Power Co	9.50
							Central Vermont Pub Serv Corp	3.50
							Cambridge Electric Light Co	2.00
Michigan								
Consumers Power Co								
J H Campbell (Ottawa)	3	787.0	ST	BIT	OP	1980		
							Consumers Power Co	93.31
							Michigan Public Power Agency	4.80
							Wolverine Pwr Supply Coop Inc	1.89
Ludington (Mason)	1	312.0	HR	Water	OP	1972		
	2	312.0	HR	Water	OP	1973		
	3	312.0	HR	Water	OP	1973		
	4	312.0	HR	Water	OP	1973		
	5	312.0	HR	Water	OP	1973		
	6	312.0	HR	Water	OP	1973		
							Consumers Power Co	51.00
							Detroit Edison Co	49.00
Detroit Edison Co								
Belle River (St Clair)	ST1	635.0	ST	SUB	OP	1984		
	ST2	645.0	ST	SUB	OP	1985		
							Detroit Edison Co	81.39
							Michigan Public Power Agency	18.61
Enrico Fermi (Monroe)	2	1028.0	NB	Uranium	OP	1985		
							Detroit Edison Co	80.00
							Wolverine Power Corp	20.00
Traverse City City of								
Elk Rapids (Antrim)	3	0.2	HC	Water	OP	1984		
	4	0.2	HC	Water	OP	1984		
							Antrim County	100.00
Minnesota								
Northern States Power Co								
Sherburne County (Sherburne)	3	855.0	ST	SUB	OP	1987		

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Minnesota								
Northern States Power Co							Northern States Power Co	59.00
							Small Mun & Coop	41.00
Mississippi								
Mississippi Power Co								
Victor J Daniel Jr (Jackson)	1	514.9	ST	BIT	OP	1977		
	2	513.6	ST	BIT	OP	1981	Mississippi Power Co	50.00
							Gulf Power Co	50.00
System Energy Resources Inc								
Grand Gulf (Claiborne)	1	1142.0	NB	Uranium	OP	1984	System Energy Resources Inc	90.00
							South Mississippi El Pwr Assn	10.00
Missouri								
Kansas City Power & Light Co								
Iatan (Platte)	1	670.0	ST	SUB	OP	1980	Kansas City Power & Light Co	70.00
							St Joseph Light & Power Co	18.00
							Empire District Electric Co	12.00
Montana								
Montana Power Co								
Colstrip (Rosebud)	1	330.0	ST	BIT	OP	1975		
	2	330.0	ST	BIT	OP	1976	Montana Power Co	50.00
							Puget Sound Power & Light Co	50.00
	3	700.0	ST	BIT	OP	1983	Montana Power Co	30.00
							Puget Sound Power & Light Co	25.00
							Portland General Electric Co	20.00
							Washington Water Power Co	15.00
							Pacific Power & Light Co	10.00
	4	700.0	ST	BIT	OP	1985	Small Mun & Coop	30.00
							Puget Sound Power & Light Co	25.00
							Portland General Electric Co	20.00
							Washington Water Power Co	15.00
							Pacific Power & Light Co	10.00
Nevada								
Nevada Power Co								
Harry Allen (Clark)	1	250.0	ST	BIT	PL	1997	Nevada Power Co	50.00
							Ownership Uncommitted	50.00
Reid Gardner (Clark)	4	250.0	ST	BIT	OP	1983	California Dept-Wtr Resources	67.80
							Nevada Power Co	32.20
White Pine Station (White Pine)	1	750.0	ST	BIT	PL	1994		
	2	750.0	ST	BIT	PL	1995	Ownership Uncommitted	100.00
Sierra Pacific Power Co								
North Valmy (Humboldt)	1	258.0	ST	SUB	OP	1981		
	2	274.0	ST	SUB	OP	1985	Idaho Power Co	50.00
							Sierra Pacific Power Co	50.00
Southern California Edison Co								
Mohave (Clark)	1	790.0	ST	SUB	OP	1970		
	2	790.0	ST	SUB	OP	1971	Southern California Edison Co	56.00
							Los Angeles City of	20.00

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Nevada								
Southern California Edison Co								
							Nevada Power Co	14.00
							Salt River Proj Ag I & P Dist	10.00
New Hampshire								
Public Service Co of NH								
Seabrook (Rockingham)	1	1150.0	NP	Uranium	CO	1989		
							Public Service Co of NH	35.57
							United Illuminating Co	17.50
							Massachusetts Mun Whls Elec Co	11.59
							New England Power Co	9.96
							Connecticut Light & Power Co	4.06
							Canal Electric Co	3.52
							Montaup Electric Co	2.90
							Eastern Utilities Associates	12.13
							New Hampshire Elec Coop Inc	2.17
							Small Mun & Coop	0.59
New Jersey								
GPU Nuclear Corp								
Oyster Creek (Ocean)	1	620.0	NB	Uranium	OP	1969		
							Jersey Central Power&Light Co	100.00
Jersey Central Power&Light Co								
Yards Creek (Warren)	1	110.0	HR	Water	OP	1965		
	2	110.0	HR	Water	OP	1965		
	3	110.0	HR	Water	OP	1965		
							Jersey Central Power&Light Co	50.00
							Public Service Electric&Gas Co	50.00
Public Service Electric&Gas Co								
Hope Creek (Salem)	1	1031.0	NB	Uranium	OP	1986		
							Public Service Electric&Gas Co	95.00
							Atlantic City Electric Co	5.00
Salem (Salem)	GT3	38.0	GT	FO2	OP	1971		
							Public Service Electric&Gas Co	42.59
							Philadelphia Electric Co	42.60
							Delmarva Power & Light Co	7.40
							Atlantic City Electric Co	7.41
	1	1106.0	NP	Uranium	OP	1976		
	2	1106.0	NP	Uranium	OP	1981		
							Public Service Electric&Gas Co	42.59
							Philadelphia Electric Co	42.59
							Delmarva Power & Light Co	7.41
							Atlantic City Electric Co	7.41
New Mexico								
Arizona Public Service Co								
Four Corners (San Juan)	4	739.0	ST	BIT	OP	1969		
							Southern California Edison Co	48.00
							Arizona Public Service Co	15.00
							Public Service Co of NM	13.00
							Salt River Proj Ag I & P Dist	10.00
							El Paso Electric Co	7.00
							Tucson Electric Power Co	7.00
	5	739.0	ST	BIT	OP	1970		
							Southern California Edison Co	48.00
							Arizona Public Service Co	15.00
							Public Service Co of NM	13.00
							Salt River Proj Ag I & P Dist	10.00
							El Paso Electric Co	7.00
							Tucson Gas & Electric Co	7.00

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
New Mexico								
Public Service Co of NM								
San Juan (San Juan)	1	316.0	ST	BIT	OP	1976		
	2	312.0	ST	BIT	OP	1973		
							Public Service Co of NM	50.00
							Tucson Electric Power Co	50.00
	3	488.0	ST	BIT	OP	1979		
							Public Service Co of NM	50.00
							Alamito Co	50.00
	4	498.0	ST	BIT	OP	1981		
							Public Service Co of NM	55.52
							Small Mun & Coop	28.80
							Farmington City of	8.48
							Los Alamos County	7.20

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
New York								
Central Hudson Gas & Elec Corp								
Roseton (Orange)	1	600.0	ST	FO6	OP	1974		
	2	600.0	ST	FO6	OP	1974		
							Consolidated Edison Co-NY Inc	40.00
							Central Hudson Gas & Elec Corp	35.00
							Niagara Mohawk Power Corp	25.00
Hydro Development Group Inc								
Copenhagen (Lewis)	1	1.5	HC	Water	OP	1984		
	2	1.5	HC	Water	OP	1984		
	3	0.3	HC	Water	OP	1984		
							Copenhagen Associates	100.00
Pyrites 1 (St Lawrence)	1	1.2	HC	Water	OP	1948		
Pyrites 2 (St Lawrence)	1	3.5	HC	Water	OP	1985		
	2	3.5	HC	Water	OP	1985		
							Pyrites Associates	100.00
Niagara Mohawk Power Corp								
Beebee Island (Jefferson)	1	3.3	HC	Water	OP	1968		
	2	3.3	HC	Water	OP	1963		
							Hydra-co Enterprises Inc	100.00
Nine Mile Point (Oswego)	2	1072.0	NB	Uranium	OP	1987		
							Niagara Mohawk Power Corp	41.00
							New York State Elec & Gas Corp	18.00
							Long Island Lighting Co	18.00
							Rochester Gas & Electric Corp	14.00
							Central Hudson Gas & Elec Corp	9.00
Oswego (Oswego)	ST6	632.0	ST	FO6	OP	1980		
							Niagara Mohawk Power Corp	76.00
							Rochester Gas & Electric Corp	24.00
Orange & Rockland Utils Inc								
Bowline Point (Rockland)	1	600.0	ST	FO6	OP	1972		
	2	605.4	ST	FO6	OP	1974		
							Consolidated Edison Co-NY Inc	67.00
							Orange & Rockland Utils Inc	33.00
North Carolina								
Carolina Power & Light Co								
Brunswick (Brunswick)	1	790.0	NB	Uranium	OP	1976		
	2	790.0	NB	Uranium	OP	1975		
							Carolina Power & Light Co	81.67
							North Carolina Eastern M P A	18.33
Harris (Wake)	1	860.0	NP	Uranium	OP	1987		
Mayo (Person)	1	705.0	ST	BIT	OP	1982		
							Carolina Power & Light Co	83.83
							North Carolina Eastern M P A	16.17
Roxboro (Person)	4	700.0	ST	BIT	OP	1980		
							Carolina Power & Light Co	87.06
							North Carolina Eastern M P A	12.94
North Dakota								
Coop Power Assn								
Coal Creek (McLean)	1	465.5	ST	LIG	OP	1979		
	2	465.5	ST	LIG	OP	1981		
							United Power Assn	44.00
							Coop Power Assn	56.00
Minnkota Power Coop Inc								
Milton R Young (Oliver)	2	408.0	ST	LIG	OP	1977		
							Minnesota Power & Light Co	70.00
							Minnkota Power Coop Inc	30.00
Montana-Dakota Utilities Co								
Coyote (Mercer)	1	421.0	ST	LIG	OP	1981		
							Otter Tail Power Co	35.00
							Minnkota Power Coop Inc	30.00

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
North Dakota								
Montana-Dakota Utilities Co							Montana-Dakota Utilities Co	25.00
							Northwestern Public Service Co	10.00
Ohio								
Cardinal Operating Co								
Cardinal (Jefferson)	1	585.0	ST	BIT	OP	1966		
							Ohio Power Co	100.00
	2	585.0	ST	BIT	OP	1967		
	3	630.0	ST	BIT	OP	1977		
							Buckeye Power Inc	100.00
Cincinnati Gas & Electric Co								
Miami Fort (Hamilton)	7	500.0	ST	BIT	OP	1975		
	8	500.0	ST	BIT	OP	1977		
							Cincinnati Gas & Electric Co	64.00
							Dayton Power & Light Co	36.00
W H Zimmer (Clermont)	ST1	1286.0	ST	BIT	CO	1991		
							Cincinnati Gas & Electric Co	46.50
							Dayton Power & Light Co	28.10
							Columbus Southern Power Co	25.40
Walter C Beckjord (Clermont)	6	414.0	ST	BIT	OP	1969		
							Dayton Power & Light Co	50.00
							Cincinnati Gas & Electric Co	37.50
							Columbus Southern Power Co	12.50
Cleveland Electric Illum Co								
Eastlake (Lake)	5	646.0	ST	BIT	OP	1972		
							Cleveland Electric Illum Co	68.80
							Duquesne Light Co	31.20
Perry (Lake)	1	1185.0	NB	Uranium	OP	1986		
							Ohio Edison Co	35.24
							Cleveland Electric Illum Co	31.11
							Toledo Edison Co	19.91
							Duquesne Light Co	13.74
Columbus Southern Power Co								
Conesville (Coshocton)	4	720.0	ST	BIT	OP	1973		
							Columbus Southern Power Co	43.50
							Cincinnati Gas & Electric Co	40.00
							Dayton Power & Light Co	16.50
Dayton Power & Light Co								
J M Stuart (Adams)	IC1	2.8	IC	FO2	OP	1969		
	IC2	2.8	IC	FO2	OP	1969		
	IC3	2.8	IC	FO2	OP	1969		
	IC4	2.8	IC	FO2	OP	1969		
	1	585.0	ST	BIT	OP	1971		
	2	585.0	ST	BIT	OP	1970		
	3	585.0	ST	BIT	OP	1972		
	4	585.0	ST	BIT	OP	1974		
							Cincinnati Gas & Electric Co	39.00
							Dayton Power & Light Co	35.00
							Columbus Southern Power Co	26.00
Killen Station (Adams)	2	600.0	ST	BIT	OP	1982		
							Dayton Power & Light Co	67.00
							Cincinnati Gas & Electric Co	33.00
Ohio Edison Co								
Edgewater (Lorain)	CTA	19.0	GT	FO2	OP	1973		
	CTB	19.0	GT	FO2	OP	1973		
							Ohio Edison Co	86.00
							Pennsylvania Power Co	14.00
Mad River (Clark)	CTA	25.0	ST	FO2	OP	1972		
	CTB	25.0	GT	FO2	OP	1972		
Niles (Mahoning)	CTA	25.0	GT	FO2	OP	1972		
R E Burger (Belmont)	A1	2.3	IC	FO2	OP	1972		
	B1	2.3	IC	FO2	OP	1972		

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Ohio								
Ohio Edison Co								
	B2	2.3	IC	FO2	OP	1972		
W H Sammis (Jefferson)	A1	2.6	IC	FO2	OP	1972		
	B1	2.6	IC	FO2	OP	1972		
	B2	2.6	IC	FO2	OP	1972		
	B3	2.6	IC	FO2	OP	1972		
	B4	2.6	IC	FO2	OP	1972		
							Ohio Edison Co	85.60
							Pennsylvania Power Co	14.40
	7	600.0	ST	BIT	OP	1971		
							Ohio Edison Co	48.00
							Duquesne Light Co	31.20
							Pennsylvania Power Co	20.80
West Lorain (Lorain)	1A	51.0	CT	FO2	SC	1983		
	1B	51.0	CT	FO2	SC	1973		
	1C	64.0	CA	WH	SC	1974		
							Ohio Edison Co	85.00
							Pennsylvania Power Co	15.00
Toledo Edison Co								
Davis-Besse (Ottawa)	1	856.0	NP	Uranium	OP	1977		
							Cleveland Electric Illum Co	51.38
							Toledo Edison Co	48.62
Oklahoma								
Grand River Dam Authority								
GRDA (Mayes)	2	520.0	ST	BIT	OP	1986		
							Grand River Dam Authority	62.00
							KAMO Electric Coop Inc	38.00
Oregon								
Portland General Electric Co								
Boardman (Morrow)	1	530.0	ST	SUB	OP	1980		
							Portland General Electric Co	65.00
							Idaho Power Co	10.00
							Pacific Northwest Generatg Co	10.00
							General Electric Credit Corp	15.00
Trojan (Columbia)	1	1104.0	NP	Uranium	OP	1975		
							Portland General Electric Co	67.50
							Eugene City of	30.00
							Pacific Power & Light Co	2.50
Pennsylvania								
Duquesne Light Co								
Beaver Valley (Beaver)	1	810.0	NP	Uranium	OP	1976		
							Duquesne Light Co	47.50
							Ohio Edison Co	35.00
							Pennsylvania Power Co	17.50
	2	833.0	NP	Uranium	OP	1987		
							Ohio Edison Co	41.88
							Cleveland Electric Illum Co	24.47
							Toledo Edison Co	19.91
							Duquesne Light Co	13.74
GPU Nuclear Corp								
Three Mile Island (Dauphin)	1	808.0	NP	Uranium	OP	1974		
							Metropolitan Edison Co	50.00
							Pennsylvania Electric Co	25.00
							Jersey Central Power&Light Co	25.00
Pennsylvania Electric Co								
Conemaugh (Indiana)	A	2.7	IC	FO2	OP	1970		
	B	2.7	IC	FO2	OP	1970		
	C	2.7	IC	FO2	OP	1970		
	D	2.7	IC	FO2	OP	1970		
	1	850.0	ST	BIT	OP	1970		

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Pennsylvania								
Pennsylvania Electric Co	2	850.0	ST	BIT	OP	1971		
							Public Service Electric&Gas Co	22.50
							Philadelphia Electric Co	20.72
							Metropolitan Edison Co	16.45
							Pennsylvania Power & Light Co	11.39
							Baltimore Gas & Electric Co	10.56
							Potomac Electric Power Co	9.72
							Atlantic City Electric Co	3.83
							Delmarva Power & Light Co	3.72
							UGI Corp	1.11
Homer City (Indiana)	1	620.0	ST	BIT	OP	1969		
	2	614.0	ST	BIT	OP	1969		
	3	650.0	ST	BIT	OP	1977		
	4	2.0	IC	FO2	SC	1969		
	5	2.0	IC	FO2	SC	1969		
	6	2.0	IC	FO2	SC	1969		
							Pennsylvania Electric Co	50.00
							New York State Elec & Gas Corp	50.00
Keystone (Armstrong)	1	850.0	ST	BIT	OP	1967		
	2	850.0	ST	BIT	OP	1968		
	3	2.7	IC	FO2	OP	1968		
	4	2.7	IC	FO2	OP	1968		
	5	2.7	IC	FO2	OP	1968		
	6	2.7	IC	FO2	OP	1968		
							Public Service Electric&Gas Co	22.84
							Philadelphia Electric Co	20.99
							Baltimore Gas & Electric Co	20.99
							Jersey Central Power&Light Co	16.67
							Pennsylvania Power & Light Co	12.34
							Delmarva Power & Light Co	3.70
							Atlantic City Electric Co	2.47
Seneca (Warren)	1	175.0	HR	Water	OP	1969		
	2	175.0	HR	Water	OP	1969		
	3	30.0	HC	Water	OP	1969		
							Cleveland Electric Illum Co	80.00
							Pennsylvania Electric Co	20.00
Pennsylvania Power & Light Co								
Martins Creek (Northampton)	CT1	18.0	GT	FO2	OP	1971		
	CT2	18.0	GT	FO2	OP	1971		
	CT3	18.0	GT	FO2	OP	1971		
	CT4	18.0	GT	FO2	OP	1971		
Sunbury (Snyder)	CT1	18.0	GT	FO2	OP	1971		
	CT2	18.0	GT	FO2	OP	1971		
							Mellon Bank	100.00
Susquehanna (Luzerne)	1	1050.0	NB	Uranium	OP	1982		
	2	1050.0	NB	Uranium	OP	1984		
							Pennsylvania Power & Light Co	90.00
							Allegheny Electric Coop Inc	10.00
Pennsylvania Power Co								
Bruce Mansfield (Beaver)	1	769.0	ST	BIT	OP	1975		
							Ohio Edison Co	60.00
							Duquesne Light Co	29.30
							Cleveland Electric Illum Co	6.50
							Pennsylvania Power Co	4.20
	2	769.0	ST	BIT	OP	1977		
							Ohio Edison Co	39.30
							Cleveland Electric Illum Co	28.60
							Toledo Edison Co	17.30
							Duquesne Light Co	8.00
							Pennsylvania Power Co	6.80
	3	789.0	ST	BIT	OP	1980		
							Ohio Edison Co	35.60
							Cleveland Electric Illum Co	24.47
							Toledo Edison Co	19.91
							Duquesne Light Co	13.74
							Pennsylvania Power Co	6.28

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Pennsylvania								
Pennsylvania Power Co								
New Castle (Lawrence)	A	3.0	IC	FO2	OP	1968		
	B	3.0	IC	FO2	OP	1968		
							Ohio Edison Co	60.00
							Pennsylvania Power Co	40.00
Philadelphia Electric Co								
Peach Bottom (York)	2	1051.0	NB	Uranium	OS	1974		
	3	1035.0	NB	Uranium	OS	1974		
							Philadelphia Electric Co	42.49
							Public Service Electric&Gas Co	42.49
							Delmarva Power & Light Co	7.51
							Atlantic City Electric Co	7.51
West Penn Power Co								
Hatfields Ferry (Greene)	1	500.0	ST	BIT	OP	1969		
	2	500.0	ST	BIT	OP	1970		
	3	465.0	ST	BIT	OP	1971		
							West Penn Power Co	52.50
							Monongahela Power Co	27.50
							Potomac Edison Co	20.00
South Carolina								
Duke Power Co								
Catawba (York)	1	1129.0	NP	Uranium	OP	1985		
							North Carolina El Member Corp	56.25
							Duke Power Co	25.00
							Saluda River Electric Coop Inc	18.75
	2	1129.0	NP	Uranium	OP	1986		
							North Carolina Mun Power Agny	75.00
							Piedmont Municipal Power Agny	25.00
South Carolina Electric&Gas Co								
Summer (Fairfield)	1	885.0	NP	Uranium	OP	1982		
							South Carolina Electric&Gas Co	66.67
							South Carolina Pub Serv Auth	33.33
South Carolina Pub Serv Auth								
Dolphus M Grainger (Horry)	1	85.0	ST	BIT	OP	1966		
	2	84.0	ST	BIT	OP	1966		
Hilton Head (Beaufort)	1	20.0	GT	FO2	OP	1973		
							Central Electric Pwr Coop Inc	100.00
St Stephens (Berkeley)	1	28.0	HC	Water	OP	1984		
	2	28.0	HC	Water	OP	1984		
	3	28.0	HC	Water	OP	1984		
							U S Army Corps of Engineers	100.00
South Dakota								
Otter Tail Power Co								
Big Stone (Grant)	1	438.0	ST	LIG	OP	1975		
							Otter Tail Power Co	53.90
							Northwestern Public Service Co	23.40
							Montana-Dakota Utilities Co	22.70
Texas								
Gulf States Utilities Co								
Toledo Bend (Newton)	1	40.5	HC	Water	OP	1968		
	2	40.5	HC	Water	OP	1968		
							Sabine River Authority of Tx	50.00
							Sabine River Authority of LA	50.00
Houston Lighting & Power Co								
South Texas (Matagorda)	1	1250.6	NP	Uranium	OP	1988		
	2	1250.0	NP	Uranium	CO	1989		
							Houston Lighting & Power Co	30.80
							San Antonio City of	28.00

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Texas								
Houston Lighting & Power Co							Central Power & Light Co	25.20
							Austin City of	16.00
Lower Colorado River Authority								
Sam Seymour (Fayette)	1	590.0	ST	SUB	OP	1979		
	2	565.0	ST	SUB	OP	1980		
							Lower Colorado River Authority	50.00
							Austin City of	50.00
San Miguel Electric Coop Inc								
San Miguel (Atascosa)	1	391.0	ST	LIG	OP	1981		
	2	400.0	ST	LIG	PL	1997		
							Brazos Electric Power Coop Inc	50.00
							South Texas Electric Coop Inc	50.00
Southwestern Electric Power Co								
Pirkey (Harrison)	1	650.0	ST	LIG	OP	1984		
							Southwestern Electric Power Co	85.94
							Small Mun & Coop	11.72
							Oklahoma Mun Power Pool Auth	2.34
Texas Utilities Generating Co								
Comanche Peak (Somervell)	1	1150.0	NP	Uranium	CO	1989		
	2	1150.0	NP	Uranium	CO	1991		
							Texas Utilities Generating Co	97.83
							Tex-La Electric Coop-Texas Inc	2.17
West Texas Utilities Co								
Oklaunion (Wilbarger)	1	665.0	ST	BIT	OP	1986		
							West Texas Utilities Co	54.69
							Public Service Co of Oklahoma	15.62
							Central Power & Light Co	7.81
							Oklahoma Mun Power Pool Auth	11.72
							Brownsville Public Utils Board	10.16
Utah								
Deseret Generation & Tran Coop								
Bonanza (Uintah)	1	425.0	ST	BIT	OP	1986		
							Shell Leasing Corp	96.25
							Utah Municipal Power Agency	3.75
Los Angeles City of								
Intermountain (Millard)'	1	800.0	ST	BIT	OP	1986		
	2	800.0	ST	BIT	OP	1987		
							Intermountain Power Agency	100.00
Utah Power & Light Co								
Hunter (Emery) (Emery)	1	390.0	ST	BIT	OP	1978		
							Utah Power & Light Co	93.75
							Provo City Corp	6.25
	2	390.0	ST	BIT	OP	1980		
							Utah Power & Light Co	60.31
							Small Mun & Coop	39.69
Vermont								
Burlington City of								
J C McNeil (Chittenden)	1	47.0	ST	WD	OP	1984		
							Burlington City of	50.00
							Central Vermont Pub Serv Corp	20.00
							Green Mountain Power Corp	11.00
							Vermont Public Pwr Supply Auth	19.00
Virginia								
Virginia Electric & Power Co								
Bath County (Bath)	1	350.0	HR	Water	OP	1985		

See footnotes at end of table.

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Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Virginia								
Virginia Electric & Power Co								
	2	350.0	HR	Water	OP	1985		
	3	350.0	HR	Water	OP	1985		
	4	350.0	HR	Water	OP	1985		
	5	350.0	HR	Water	OP	1985		
	6	350.0	HR	Water	OP	1985		
							Virginia Electric & Power Co	60.00
							Allegheny Power System Inc	40.00
North Anna (Louisa)	1	915.0	NP	Uranium	OP	1978		
							Virginia Electric & Power Co	88.40
							Small Mun & Coop	11.60
	2	915.0	NP	Uranium	OP	1980		
							Virginia Electric & Power Co	88.40
							Old Dominion Electric Coop	11.60
Washington								
Pacific Power & Light Co								
Centralia (Lewis)	1	638.0	ST	SUB	OP	1971		
	2	638.0	ST	SUB	OP	1972		
							Pacific Power & Light Co	47.50
							Washington Water Power Co	15.00
							Portland General Electric Co	2.50
							Seattle City of	8.00
							PUD No 1 of Snohomish County	8.00
							Puget Sound Power & Light Co	7.00
							PUD No 1 of Grays Harbor Cnty	4.00
							Tacoma City of	8.00
Swift 2 (Cowlitz)	21	38.4	HC	Water	OP	1959		
	22	38.4	HC	Water	OP	1958		
							PUD No 1 of Cowlitz County	100.00
West Virginia								
Appalachian Power Co								
John E Amos (Putnam)	3	1300.0	ST	BIT	OP	1973		
							Ohio Power Co	67.00
							Appalachian Power Co	33.00
Monongahela Power Co								
Fort Martin (Monongalia)	1	552.0	ST	BIT	OP	1967		
							Duquesne Light Co	50.00
							Monongahela Power Co	25.00
							Potomac Edison Co	25.00
	2	555.0	ST	BIT	OP	1968		
							West Penn Power Co	50.00
							Potomac Edison Co	30.00
							Monongahela Power Co	20.00
Harrison (Harrison)	1	640.0	ST	BIT	OP	1972		
	2	640.0	ST	BIT	OP	1973		
	3	640.0	ST	BIT	OP	1974		
							West Penn Power Co	42.24
							Potomac Edison Co	32.76
							Monongahela Power Co	25.00
Pleasants (Pleasants)	1	614.0	ST	BIT	OP	1978		
	2	614.0	ST	BIT	OP	1980		
							West Penn Power Co	45.00
							Potomac Edison Co	30.00
							Monongahela Power Co	25.00
Wisconsin								
Dairyland Power Coop								
Genoa (Vernon)	ST3	363.3	ST	BIT	OP	1969		
							Dairyland Power Coop	50.00
							Coop Power Assn	50.00

See footnotes at end of table.

Table C1. Jointly Owned Electric Generating Units by State, Company, and Plant, as of December 1988 (Continued)

State Company Plant (County)	Unit ID	Summer Capability (megawatts)	Unit Type[1]	Primary Energy Source[1]	Status	Date	Owner Companies[2]	Percent Owned
Wisconsin								
Wisconsin Power & Light Co								
Columbia (Columbia)	1	509.0	ST	SUB	OP	1975		
	2	471.5	ST	SUB	OP	1978		
							Wisconsin Power & Light Co	46.20
							Wisconsin Public Service Corp	31.80
							Madison Gas & Electric Co	22.00
Edgewater (Rock)	4	333.7	ST	BIT	OP	1969		
							Wisconsin Power & Light Co	68.20
							Wisconsin Public Service Corp	31.80
	5	392.1	ST	BIT	OP	1984		
							Wisconsin Power & Light Co	75.00
							Wisconsin Electric Power Co	25.00
Wisconsin Public Service Corp								
Kewaunee (Kewaunee)	1	530.3	NP	Uranium	OP	1974		
							Wisconsin Public Service Corp	41.20
							Wisconsin Power & Light Co	41.00
							Madison Gas & Electric Co	17.80
Wyoming								
Basin Electric Power Coop								
Laramie River (Platte)	1	550.0	ST	SUB	OP	1980		
	2	550.0	ST	SUB	OP	1981		
	3	550.0	ST	SUB	OP	1982		
							Basin Electric Power Coop	42.27
							Tri-State G & T Assn Inc	24.13
							Missouri Basin Mun Power Agny	16.47
							Lincoln City of	12.76
							Heartland Consumers Power Dist	3.00
							Wyoming Municipal Power Agency	1.37
Pacific Power & Light Co								
Jim Bridger (Sweetwater)	1	485.0	ST	SUB	OP	1974		
	2	485.0	ST	SUB	OP	1975		
	3	485.0	ST	SUB	OP	1976		
	4	485.0	ST	SUB	OP	1979		
							Pacific Power & Light Co	66.67
							Idaho Power Co	33.33
Wyodak (Campbell)	1	315.0	ST	SUB	OP	1978		
							Pacific Power & Light Co	80.00
							Black Hills Corp	20.00

[1] See Appendix B for definitions of codes.

[2] Includes owners or proposed owners that have 100 percent ownership but are not the operators or proposed operators of the unit.

Notes: Where capacity appears as 0.0, value is less than 50 kW. For status, CO means under construction, OP means in commercial operation, active, OS means in commercial operation but out of service for an extended period, PL means planned but not under construction, SC means in commercial operation, in cold standby.

Source: Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

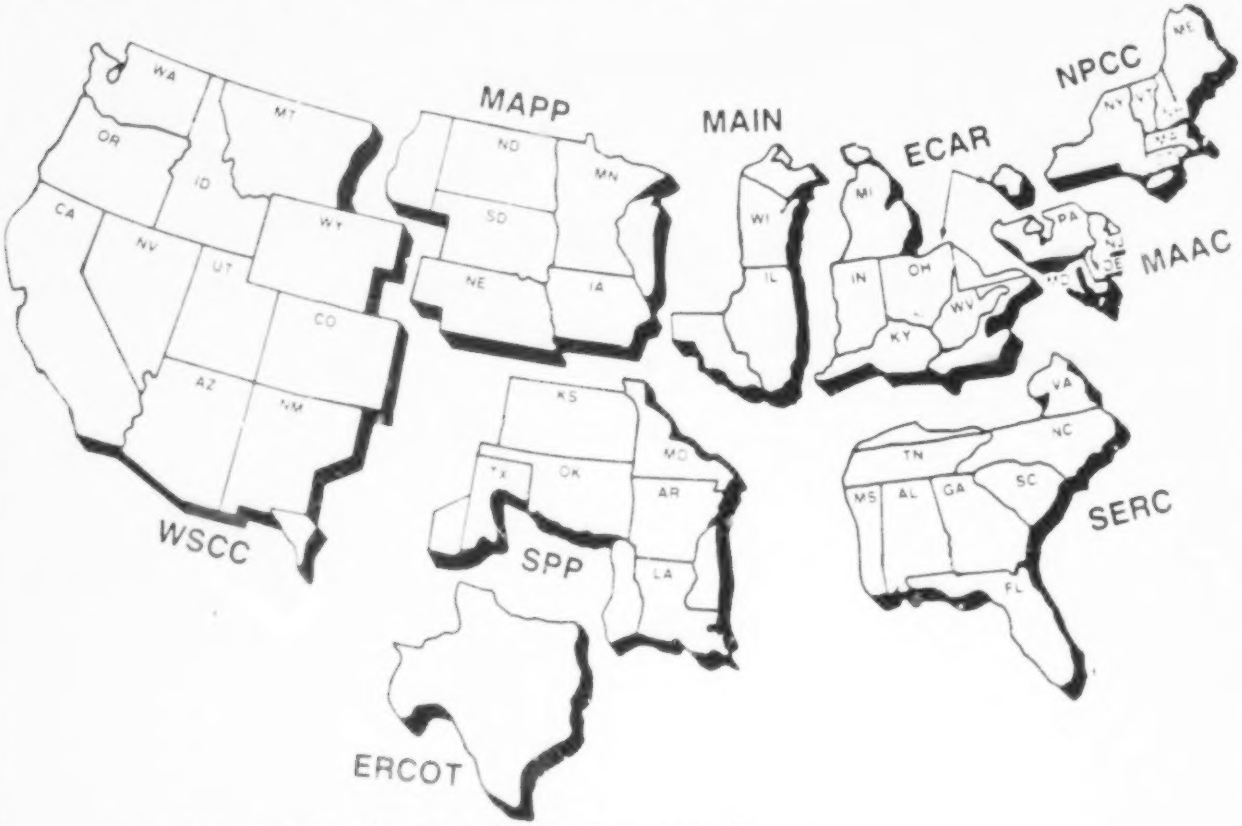
Appendix D

Maps

Appendix D

Maps

Figure D1. North American Electric Reliability Council Region Map for the Contiguous United States


NPCC
ME
NY
VT
NH
MA
CT
RI
MAPP
ND
MN
SD
NE
IA
MAIN
WI
IL
ECAR
MI
IN
OH
KY
WV
PA
NJ
DE
MD
MAAC
WA
MT
OR
ID
WY
CA
NV
UT
CO
AZ
NM
WSCC
KS
MO
TX
OK
AR
LA
SPP
VA
NC
TN
MS
AL
GA
SC
FL
SERC
ERCOT

Regional Electric Reliability Council Areas

ECAR--East Central Area Reliability Coordination Agreement
MAIN—Mid-American Interpool Network
MAAC—Mid-Atlantic Area Council
MAPP—Mid-Continent Area Power Pool
NPCC—Northeast Power Coordinating Council
SERC—Southeastern Electric Reliability Council
SPP—Southwest Power Pool
ERCOT—Electric Reliability Council of Texas
WSCC—Western Systems Coordinating Council

Figure D2. U.S. Federal Region Map

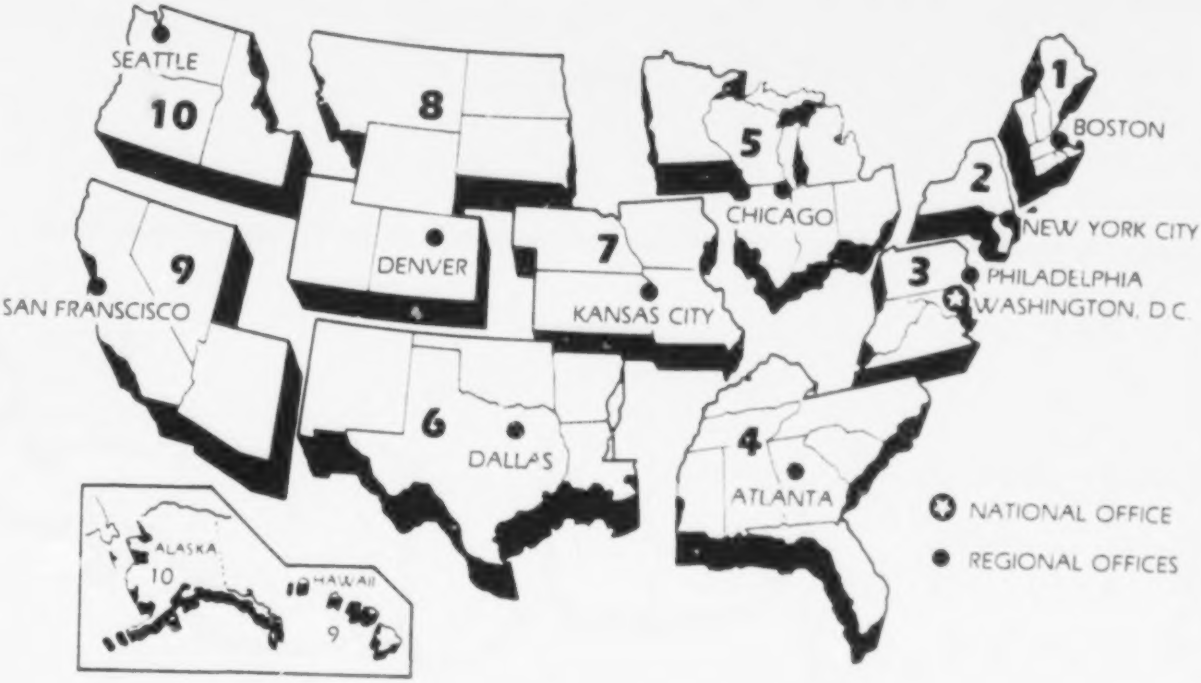
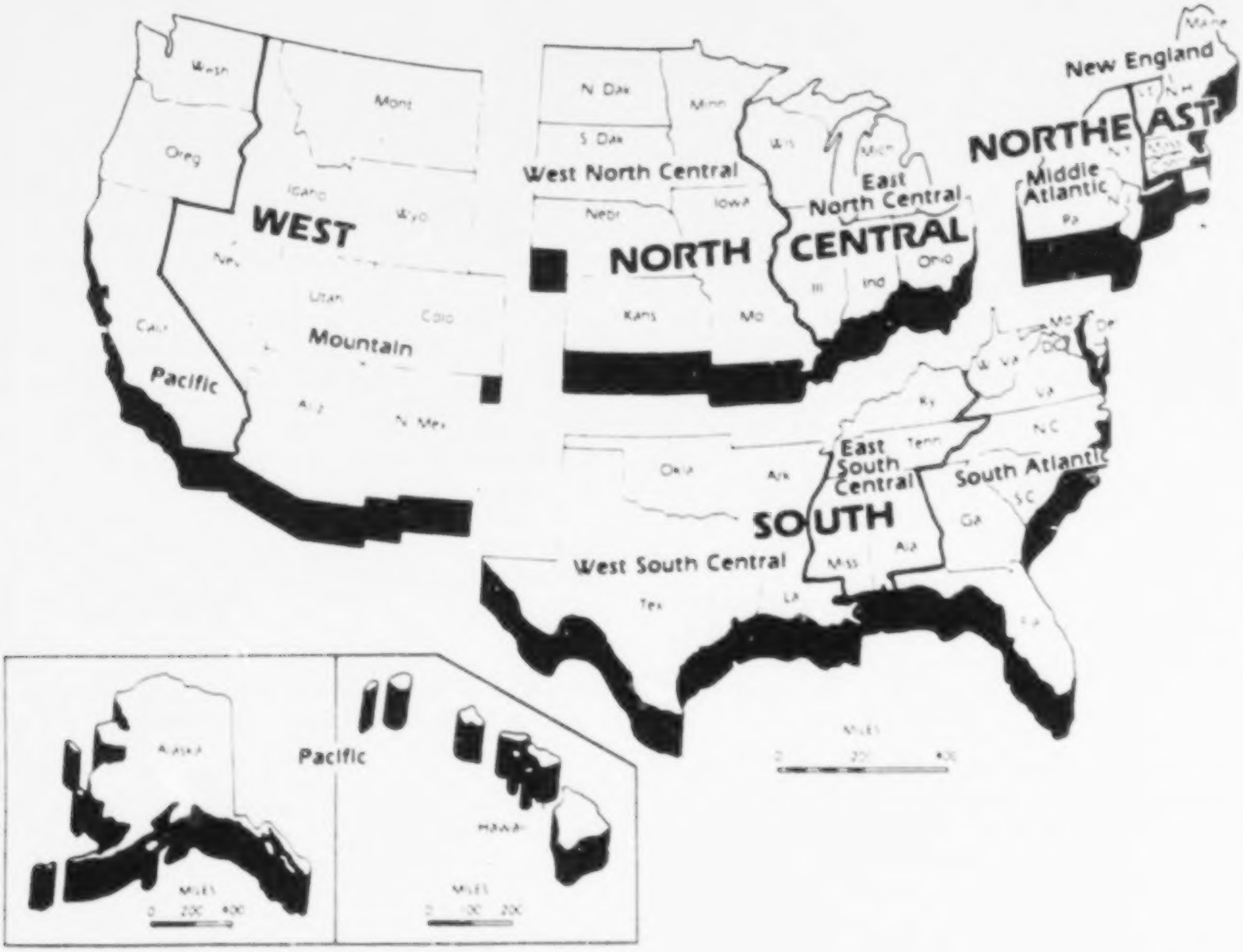

SEATTLE
10
8
5
1
BOSTON
2
CHICAGO
NEW YORK CITY
9
DENVER
7
3
PHILADELPHIA
WASHINGTON, D.C.
SAN FRANSCISCO
KANSAS CITY
6
DALLAS
4
ATLANTA
NATIONAL OFFICE
REGIONAL OFFICES
ALASKA
10
HAWAII
9

Figure D3. U.S. Census Region Map


Wash
Oreg
Mont
Idaho
Wyo
Nev
Utah
Colo
Calif
Ariz
N Mex
WEST
Mountain
Pacific
N Dak
S Dak
Minn
Nebr
Iowa
Kans
Mo
West North Central
NORTH
Wis
Mich
East North Central
CENTRAL
Ill
Ind
Ohio
Maine
New England
Vt
N H
Mass
Conn
R I
N Y
NORTHEAST
Middle Atlantic
N J
Pa
Md
Del
D C
W Va
Va
N C
Ky
Tenn
East South Central
South Atlantic
S C
Okla
Ark
SOUTH
Ga
Miss
Ala
West South Central
Tex
La
Fla
MILES
0 200 400
Alaska
Pacific
Hawaii
MILES
0 200 400
MILES
0 100 200

Glossary

Ampere: The unit of measurement of electrical current produced in a circuit by 1 volt acting through a resistance of 1 ohm. (See Current, Ohm, Volt.)

Anthracite: Anthracite, or hard coal, is the highest rank of economically useable coal. It is jet black with a high luster. The moisture content generally is less than 15 percent. Anthracite contains approximately 22 to 28 million Btu per ton as received and averages about 25 million Btu per ton. Its ignition temperature is approximately 925 to 970 degrees Fahrenheit. Virtually all of the anthracite mined is from northeastern Pennsylvania. It is used mostly for space heating and generating electricity.

Barrel: A volumetric unit of measure for crude oil and petroleum products equivalent to 42 U.S. gallons.

Baseload: The minimum amount of electric power delivered or required over a given period of time at a steady state. (See Baseload Plant.)

Baseload Capacity: The generating equipment normally operated to serve loads on a round-the-clock basis. (See Baseload, Baseload Plant.)

Baseload Plant: A plant, usually housing high-efficiency steam-electric units, which is normally operated to take all or part of the minimum load of a system, and which consequently produces electricity at an essentially constant rate and runs continuously. These units are operated to maximize system mechanical and thermal efficiency and minimize system operating costs. (See Baseload.)

Biomass: Organic materials used as a source of energy. (See Other Generation.)

Bituminous Coal: Bituminous coal, or soft coal, is the most common coal. It is dense, black, often with well-defined bands of bright and dull material. Its moisture content usually is less than 20 percent. The heating value ranges from 19 to 30 million Btu per ton as received and averages about 24 million Btu per ton. The ignition temperature ranges from about 700 to almost 900 degrees Fahrenheit. Bituminous coal is mined chiefly in the Appalachian and Interior coal fields. It is used for generating electricity, making coke, and space heating.

Blast Furnace: A furnace in which solid fuel (coke) is burned with an air blast to smelt iron ore.

Boiling-Water Reactor (BWR): A light-water reactor in which water, used as both coolant and moderator, is allowed to boil in the core. The resulting steam can be used directly to drive a turbine.

Btu (British Thermal Unit): A standard unit for measuring the quantity of heat energy equal to the quantity of heat required to raise the temperature of 1 pound of water by 1 degree Fahrenheit.

Capability: The maximum load that a generating unit, generating station, or other electrical apparatus can carry under specified conditions for a given period of time without exceeding approved limits of temperature and stress.

Capacity: The amount of electric power delivered or required for which a generator, turbine, transformer, transmission circuit, station, or system is rated by the manufacturer. (See Generator Nameplate Capacity.)

Capacity Factor: The ratio of the average load on the plant(s) for the period of time considered to the aggregate capacity of all the generating equipment installed in the plant(s).

Census Divisions: The nine geographic divisions of the United States established by the Bureau of the Census, U.S. Department of Commerce for statistical analysis. The boundaries of Census divisions coincide with State boundaries. In some cases, the Pacific Division is subdivided into the Pacific Contiguous and Pacific Noncontiguous areas.

Coal: A black or brownish-black solid combustible substance formed by the partial decomposition of vegetable matter without access to air. The rank of coal, which includes anthracite, bituminous coal, subbituminous coal, and lignite, is based on fixed carbon, volatile matter, and heating value. Coal rank indicates the progressive alteration from lignite to anthracite. Lignite contains approximately 9 to 17 million Btu per ton. The contents of subbituminous and bituminous coal range from 16 to 24 million Btu per ton and from 19 to 30 million Btu per ton, respectively. Anthracite contains approximately 22 to 28 million Btu per ton.

Cogeneration: The sequential or simultaneous process in which useful heat/steam is generated, used in a variety of process applications, and then directed into a turbine to generate electricity and/or mechanical work from the useful thermal energy still available for use. (See Generation, Energy.)

Coke: In general, a product made from bituminous coal and crude oil from which the volatile constituents have been driven off by heat, so that fixed carbon and ash are fused together. Coke, being largely carbon, is hard and porous, and is a desirable fuel in certain metallurgical industries.

Combined Cycle: A cogeneration technology in which additional electricity is produced sequentially from the otherwise lost waste heat exiting from one or more gas-fired turbines. The exiting heat flow is routed to a exhaust-fired conventional boiler or to a heat recovery steam generator for utilization by a steam turbine in the production of electricity. This process increases the efficiency of an electric generating system by turning the rejected heat into thermal steam rather than discharging it into the atmosphere. (See Cogeneration, Turbine.)

Combined Hydroelectric Plant: A hydroelectric plant that uses both pumped water and natural streamflow for the production of power.

Combined Pumped-Storage Plant: A pumped-storage hydroelectric power plant that uses both pumped water and natural streamflow to produce electricity.

Commercial Operation: A generating unit is said to be in commercial operation when control of the loading of the unit is turned over to the system dispatcher.

Consumption (Fuel): The amount of fuel used for gross generation, providing standby service and start-up and/or flame stabilization. (See Fuel.)

Conventional Hydroelectric Plant: A plant in which all of the power is produced from natural streamflow as regulated by available storage.

Crude Oil (including Lease Condensate): A mixture of hydrocarbons that existed in liquid phase in underground reservoirs and that remains liquid at atmospheric pressure after passing through surface separating facilities. Included are lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and shale oil. Drip gases are also included, but topped crude oil (residual oil) and other unfinished oils are excluded. Liquids produced at natural gas processing plants and mixed with crude oil are likewise excluded where identifiable. (See Petroleum.)

Current: A flow of electrons in an electrical conductor. The strength or rate of movement of the electricity is measured in amperes. (See Ampere, Ohm, Volt.)

Demand: The rate at which electric energy is delivered to or by a system, part of a system, or piece of equipment, at a given instant or averaged over any designated period of time.

Design Electrical Rating (Capacity), Net: The nominal net electrical output of a nuclear unit, as specified by the utility for the purpose of plant design.

Distillate Fuel Oil: A general classification for one of the petroleum fractions produced in conventional distillation operations. It is used primarily for space heating, on-and-off-highway diesel engine fuel (including railroad engine fuel and fuel for agriculture machinery), and electric power generation. Included are products known as No. 1, No. 2, and No. 4 fuel oils; No. 1, No. 2, and No. 4 diesel fuels.

Electric Plant: A station containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or fission energy into electric energy.

Electric Power Industry: The public, private, and cooperative electric utility systems of the United States taken as a whole. This includes all electric systems serving the public: regulated investor-owned electric utility companies; Federal power projects; State, municipal, and other government-owned systems, including electric public utility districts; electric cooperatives, including Generation and Transmission entities ("G and T'S"); jointly owned electric utility facilities, and electric utility facilities owned by a lessor and leased to an electric utility. Excluded from this list are the special purpose electric facilities or systems that do not offer service to the public.

Electric Power System: An individual electric power entity--a company, an electric cooperative, a public electric supply corporation like the Tennessee Valley Authority, a similar Federal department or agency like the Bonneville Power Administration, the Bureau of Reclamation or the Corps of Engineers, a municipally owned, electric department offering service to the public, or an electric public utility district (a "PUD"); also a jointly owned electric supply project such as the Keystone.

Electric Utility: A corporation, person, agency, authority, or other legal entity or instrumentality that owns and/or operates facilities within the United States, its territories, or Puerto Rico for the generation, transmission, distribution, or sale of electric energy, primarily for use by the public. An entity that solely operates qualifying facilities under the Public Utility Regulatory Policies Act of 1978 is not considered an electric utility.

Energy: The capacity for doing work as measured by the capability of doing work (potential energy) or the conversion of this capability to motion (kinetic energy). Energy has several forms, some of which are easily convertible and can be changed to another form useful for work. Most of the world's convertible energy comes from fossil fuels that are burned to produce heat that is then used as a transfer medium to mechanical or other means in order to accomplish tasks. Electrical energy is usually measured in kilowatthours, while heat energy is usually measured in British thermal units. (See Energy Source.)

Energy Source: The primary source that provides the power that is converted to electricity through chemical, mechanical, or other means. Energy sources include coal, petroleum and petroleum products, gas, water, uranium, wind, sunlight, geothermal, and other sources.

Fahrenheit: A temperature scale on which the boiling point of water is at 212 degrees above zero on the scale and the freezing point is at 32 degrees above zero at standard atmospheric pressure.

Federal Region: In a Presidential directive issued in 1969, various Federal agencies (among them the currently designated Department of Health and Human Services, the Department of Labor, the Office of Economic Opportunity, and the Small Business Administration) were instructed to adopt a uniform field system of 10 geographic regions with common boundaries and headquarters cities. The action was taken to correct the evolution of fragmented Federal field organization structures that each agency or component created independently, usually with little reference to other agencies' arrangements. Most Federal domestic agencies or their components have completed realignments and relocations to conform to the Standard Federal Administration Regions (SFAR's) shown on the map at the end of this publication.

Forced Outage: The shutdown of a generating unit, transmission line or other facility, for emergency reasons or a condition in which the generating equipment is unavailable for load due to unanticipated breakdown. (See Outage.)

Fossil Fuel: Any naturally occurring organic fuel, such as coal, crude oil, and natural gas.

Fossil Fuel Plant: A plant using coal, petroleum, or gas as its source of energy.

Fuel: Any substance that can be burned to produce heat; also, materials that can be fissioned in a chain reaction to produce heat.

Fuel Cell: A device that produces electrical energy directly from the controlled electrochemical oxidation of the fuel. It does not contain an intermediate heat cycle, as do most other electrical generation techniques.

Gas: Includes natural gas, coke-oven gas, blast-furnace gas, and refinery gas. Manufactured gas is reported as natural gas on FERC Form 423. (See Natural Gas.)

Gas-Turbine Plant: A plant in which the prime mover is a gas turbine. A gas turbine consists typically of an axial-flow air compressor, one or more combustion chambers where liquid or gaseous fuel is burned and the hot gases are passed to the turbine; where the hot gases expand to drive the generator and then are used to run the compressor.

Generating Unit: An electric generator together with its prime mover.

Generation: The process of producing electric energy by transforming other forms of energy; also, the amount of electric energy produced, expressed in kilowatthours. (See Electric Plant, Energy.)

Generator: A machine that converts mechanical energy into electrical energy.

Generator Nameplate Capacity: The full-load continuous rating of a generator, prime mover, or other electrical equipment under specified conditions as designated by the manufacturer. Generator nameplate capacity is usually indicated on a nameplate attached physically to the equipment. Installed station capacity does not include auxiliary or house units.

Geothermal Energy: Energy from the internal heat of the earth may be residual heat, friction heat, or a result of radioactive decay. The heat is found in rocks and fluids at various depths and can be extracted by drilling and/or pumping.

Geothermal Plant: A plant in which the prime mover is a steam turbine. The turbine is driven either by steam produced from hot water or by natural steam that derives its energy from heat found in rocks or fluids at various depths beneath the surface of the earth. The energy is extracted by drilling and/or pumping.

Gigawatt (GW): One billion watts. (See Watt.)

Gigawatthour (GWh): One billion watthours. (See Watthour.)

Grid: The layout of an electrical distribution system. (See Transmission, Transmission System, Electric)

Gross Generation: The total amount of electric energy produced by a generating station or stations, measured at the generator terminals. (See Generation, Electric Plant.)

Heat Rate: A measure of generating station thermal efficiency, generally expressed in Btu per net kilowatthour. It is computed by dividing the total Btu content of fuel burned for electric generation by the resulting net kilowatthour generation. (See Btu, British Thermal Unit.)

Heavy Oil: The fuel oils remaining after the lighter oils have been distilled off during the refining process. Except for start-up and flame stabilization, virtually all petroleum used in steam plants is heavy oil.

Horsepower: A unit for measuring the rate of work (or power) equivalent to 33,000 foot-pounds per minute or 746 watts. (See Watt.)

Hydroelectric Energy: The production of electricity from kinetic energy in flowing water. (See Energy.)

Hydroelectric Plant: A plant in which the turbine generators are driven by falling water.

Hydroelectric Power: The harnessing of flowing water to produce mechanical or electrical energy. (See Hydroelectric Energy, Hydroelectric Plant.)

Internal Combustion Plant: A plant in which the prime mover is an internal combustion engine. An internal combustion engine has one or more cylinders in which the process of combustion takes place, converting energy released from the rapid burning of a fuel-air mixture into mechanical energy. Diesel or gas-fired engines are the principal types used in electric plants. The plant is usually operated during periods of high demand for electricity.

Kilowatt (kW): One thousand watts. (See Watt.)

Kilowatthour (kWh): One thousand watthours. (See Watthour.)

Life Extension: Investments made to maintain the operating status of an electric generating plant, into acceptable levels of availability and efficiency, beyond its originally anticipated retirement date.

Light Oil: Lighter fuel oils distilled off during the refining process. Virtually all petroleum used in internal combustion and gas-turbine engines is light oil.

Light-Water Reactor (LWR): A nuclear reactor that uses water as the primary coolant and moderator, with slightly enriched uranium as fuel. There are two types of commercial light-water reactor -- the boiling-water reactor (BWR) and the pressurized-water reactor (PWR).

Lignite: Lignite, the lowest rank of coal, is brownish black and has a high moisture content, sometimes as high as 45 percent. It tends to disintegrate when exposed to the weather. The heat content of lignite ranges from 9 to 17 million Btu per ton as received and averages about 14 million Btu per ton. The ignition temperature is approximately 600 degrees Fahrenheit. Lignite is mined in California, Louisiana, Montana, North Dakota, and Texas, and is used mainly to generate electricity in power plants that are relatively close to the mines.

Load (Electric): The amount of electric power delivered or required at any specific point or points on a system. The requirement originates at the energy-consuming equipment of the customers.

Load Management Technique: Utility demand management practices directed at reducing the maximum kilowatt demand on an electric system, and/or modifying the coincident peak demand of one or more classes of service to better meet the utility system capability for a given hour, day, week, season, or year. (See Coincident Peak Load, Classes of Service, Demand, Load (Electric).)

Low-Power Testing: The period of time between a plant's initial fuel loading date and the issuance of its operating (full power) license. The maximum level of operation during this period is 5 percent of the unit's design thermal rating.

Maximum Demand: The greatest of all demands of the load that has occurred within a specified period of time.

Mcf: One thousand cubic feet.

Megawatt (MW): One million watts. (See Watt.)

Megawatthour (MWh): One million watthours. (See Watthour.)

MMcf: One million cubic feet.

Municipality: A city, county, irrigation district, drainage district, or a political subdivision or agency of a State competent under the laws thereof to carry on the business of developing, transmitting, or distributing power.

Natural Gas: A naturally occurring mixture of hydrocarbon and nonhydrocarbon gases found in porous geological formations beneath the earth's surface, often in association with petroleum. The principal constituent is methane.

Net Generation: Gross generation less plant use, measured at the high-voltage terminals of the station's step-up transformer. The energy required for pumping at pumped-storage plants is regarded as plant use and must be deducted from the gross generation. (See Generation, Electric Plant.)

Net Summer Capability: The steady hourly output which generating equipment is expected to supply to system load (exclusive of auxiliary) power as demonstrated by tests at the time during summer peak demand.

Net Winter Capability: The steady hourly output which generating equipment is expected to supply to system load exclusive of auxiliary power as demonstrated by test at the time of winter peak demand.

North American Electric Reliability Council (NERC): A council formed in 1968 by the electric utility industry to promote the reliability and adequacy of bulk power supply in the electric utility systems of North America. NERC consists of nine regional reliability councils and encompasses essentially all the power systems of the contiguous United States, Canada, and some in Mexico. The data summarized by NERC regions in this publication are limited to that portion applicable to the contiguous United States, thereby excluding that portion of NERC data applicable to Alaska, Hawaii, Canada, and Mexico. The NERC Regions are:

ECAR - East Central Area Reliability Coordination Agreement

ERCOT - Electric Reliability Council of Texas

MAIN - Mid-America Interconnected Network

MAAC - Mid-Atlantic Area Council

MAPP - Mid-Continent Area Power Pool

NPCC - Northeast Power Coordinating Council

SERC - Southeastern Electric Reliability Council

SPP - Southwest Power Pool

WSCC - Western Systems Coordinating Council.

Nuclear Fuel: Fissionable materials that have been enriched to such a composition that when placed in a nuclear reactor will support a self-sustaining fission chain reaction, producing heat in a controlled manner for process use.

Nuclear Power Plant: A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced by a heat transfer from the reactor vessel during the period when the nuclear fuel is undergoing fission.

Nuclear Reactor: A device in which a fission chain reaction can be initiated, maintained, and controlled. Its essential components are a vessel containing a core with fissionable fuel, a moderator for the fission chain reaction, and a control system.

No. 1 Fuel Oil: A light distillate fuel oil intended for use in vaporizing pot-type burners. ASTM Specification D396 specifies for this grade maximum distillation temperatures of 400 degrees F. at the 10-percent point and 550 degrees F. at the 90-percent point, and kinematic viscosities between 1.4 and 2.2 centistokes at 100 degrees F.

No. 2 Fuel Oil. A distillate fuel oil for use in atomizing type burners for domestic heating or for moderate capacity commercial-industrial burner units. ASTM Specification D396 specifies for this grade distillation temperatures at the 90-percent point between 540 degrees and 640 degrees F., and kinematic viscosities between 2.0 and 3.6 centistokes at 100 degrees F.

No. 1 and No. 2 Diesel Fuel Oils: Distillate fuel oils used in compression-ignition engines, as given by ASTM Specification D975:

No. 1-D - A volatile distillate fuel oil with a boiling range between 300-575 degrees F. and used in high-speed diesel engines generally operated under wide variations in speed and load. Includes type C-B diesel fuel used for city buses and similar operations. Properties are defined in ASTM Specifications D975.

No. 2-D - A gas-oil type of distillate of lower volatility with distillation temperatures at the 90-percent point between 540-640 degrees F. for use in high-speed diesel engines generally operated under uniform speed and load conditions. Includes Type R-R diesel fuel used for railroad locomotive engines, and T-T for diesel-engine trucks. Properties are defined in ASTM Specification D975.

No. 4 Fuel Oil: A fuel oil for commercial burner installations not equipped with preheating facilities; used extensively in industrial plants. This grade is a blend of distillate fuel oil and residual fuel oil stocks that conform to ASTM Specification D396 or Federal Specification VV-F-815C; its kinematic viscosity is between 5.8 and 26.4 centistokes at 100 degrees F. Also included is No. 4-D, a fuel oil for low- and medium-speed diesel engines that conforms to ASTM Specification D975.

Ohm: The unit of measurement of electrical resistance. The resistance of a circuit in which a potential difference of 1 volt produces a current of 1 ampere. (See Ampere, Current, Volt.)

Oil: A mixture of hydrocarbons usually existing in the liquid state in natural underground pools or reservoirs. Gas is often found in association with oil. (See Crude Oil (Including Lease condensate), Petroleum.)

Operable: A unit is operable when it is available to provide power to the grid. For a nuclear unit, this is when it receives its full power amendment to its operating license from the Nuclear Regulatory Commission.

Other Gas: Includes manufactured gas, coke-oven gas, blast-furnace gas, and refinery gas. Manufactured gas is obtained by distillation of coal, by the thermal decomposition of oil, or by the reaction of steam passing through a bed of heated coal or coke. (See Natural Gas)

Other Generation: Electricity originating from these sources: biomass, fuel cells, geothermal heat, solar power, waste, wind, and wood.

Outage: The period during which a generating unit, transmission line, or other facility is out of service. (See Forced Outage, Scheduled Outage.)

Peak Load: The maximum load during a specified period of time.

Peak Load Plant: A plant usually housing old, low-efficiency steam units, gas turbines, diesels, or pumped-storage hydroelectric equipment normally used during the peak-load periods.

Peaking Capacity: Capacity of generating equipment normally operated during the hours of highest daily, weekly, or seasonal loads. Some generating equipment may be operated at certain times as peaking capacity and at other times to serve loads on a 'round-the-clock basis. (See Peak Load.)

Petroleum: A mixture of hydrocarbons existing in the liquid state found in natural underground reservoirs, often associated with gas. Petroleum includes Fuel Oil 2, 4, 5, 6, topped crude, kerosene, and jet fuel. (See Petroleum (Crude Oil.))

Petroleum Coke: A residue, high in carbon content and low in hydrogen, that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion factor is 5 barrels (of 42 U.S. gallons each) per short ton.

Petroleum (Crude Oil): A naturally occurring, oily, flammable liquid composed principally of hydrocarbons. Crude oil is occasionally found in springs or pools but usually is drilled from wells beneath the earth's surface.

Photovoltaic Cell: Device that produces electrical current by converting light or similar radiation. (See Other Generation.)

Plant: A station at which are located prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy. A station may contain more than one type of prime mover. Electric utility plants exclude stations that satisfy the definition of qualifying facility under the Public Utility Regulatory Policies Act of 1978.

Plant Use: The electric energy used in the operation of a plant. Included in this definition is the energy required for pumping at pump-storage plants.

Plant-Use Electricity: The electric energy used in the operation of a plant. This energy total is subtracted from the gross energy production of the plant; for reporting purposes the plant energy production is then reported as a net figure. The energy required for pumping at pumped-storage plants is by definition subtracted, and the energy production for these plants is then reported as a net figure. (See Combined Pumped-Storage Plant, Pumped-Storage Hydroelectric Plant, Pure Pumped-Storage Hydroelectric Plant.)

Power: The rate at which energy is transferred, usually measured in watts. Also used for a measurement of capacity. (See Capacity, Energy, Watt.)

Power (Electrical): An electric measurement unit of power called a voltampere is equal to the product of one volt and one ampere. This is equivalent to 1 Watt for a direct current system and a unit of of apparent power is seperated into real and reactive power. Real power is the work-producing part of apparent power that measures the rate of supply of energy and is denoted as kilowatts (KW). Reactive power is the portion of apparent power that does no work and is referred to as kilovars; this type of power must be supplied to most types of magnetic equipment, such as motors, and is supplied by generator or by electrostatic equipment. Voltamperes are usually divided by 1,000 and called kilovoltamperes (kVA). Energy is denoted by the product of real power and the length of time utilized; this product is expressed as kilowatthours.

Pressurized-Water Reactor (PWR): A nuclear reactor in which heat is transferred from the core to a heat exchanger via water kept under high pressure, so that high temperatures can be maintained in the primary system without boiling the water. Steam is generated in a secondary circuit.

Prime Mover: The engine, turbine, water wheel, or similar machine that drives an electric generator.

Privately Owned Electric Utility: A class of ownership found in the electric power industry where the utility is regulated and authorized to achieve an allowed rate of return. (See Electric Power Industry.)

Production (Electric): Act or process of producing electric energy from other forms of energy; also, the amount of electric energy expressed in watthours (Wh).

Publicly Owned Electric Utility: A class of ownership found in the electric power industry. This group includes those utilities operated by municipalities, and State and Federal power agencies.

Public Utility Regulatory Policies Act of 1978: One part of the National Energy Act, PURPA contains measures designed to encourage the conservation of energy, more efficient use of resources, and equitable rates. Principal among these were suggested retail rate reforms and new incentives for production of electricity by cogenerators and users of renewable resources. The Commission has primary authority for implementing several key PURPA programs.

Pumped-Storage Hydroelectric Plant: A plant that usually generates electric energy during peak-load periods by using water previously pumped into an elevated storage reservoir during off-peak periods when excess generating capacity is available to do so. When additional generating capacity is needed, the water can be released from the reservoir through a conduit to turbine generators located in a power plant at a lower level.

Pure Pumped-Storage Hydroelectric Plant: A plant that produces power only from water that has previously been pumped to an upper reservoir.

Renewable Energy Source: An energy source that is regenerative or virtually inexhaustible. Typical examples are wind, geothermal and water power. (See Other Generation.)

Residual Fuel Oil: The topped crude of refinery operation; includes No. 5 and No.6 fuel oils as defined in ASTM Specification D396 and Federal Specification VV-F-815C, Navy Special fuel oil as defined in Military Specification MIL-F-859E including Amendment 2 (NATO Symbol F-77), and Bunker C fuel oil. Residual fuel oil is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes. Imports of residual fuel oil include "Imported Crude Oil Burned as Fuel."

Run-of-River Hydroelectric Plant: A low-head plant using the flow of a stream as it occurs, and having little or no reservoir capacity for storage. (See Hydroelectric Power.)

Scheduled Outage: The shutdown of a generating unit, transmission line, or other facility, for inspection or maintenance, in accordance with an advance schedule. (See Forced Outage, Outage.)

Short Ton: A unit of weight equal to 2,000 pounds.

Solar Energy: Energy produced from the sun's radiation.

Standby Facility: A facility that supports a utility system and is generally running under no-load. It is available to replace or supplement a facility normally in service. (See Standby Service, Outage.)

Standby Service: Support service that is available as needed to supplement a customer, a utility system, or to another utility if a schedule or an agreement authorizes the transaction. The service is not regularly used. (See Standby Facility, Outage.)

Station (Electric): A plant containing prime movers, electric generators, and auxiliary equipment for converting mechanical, chemical, and/or nuclear energy into electric energy.

Storage Hydroelectric Plant: A hydroelectric plant with reservoir storage capacity for power use.

Subbituminous Coal: Subbituminous coal, or black lignite, is dull black and generally contains 20 to 30 percent moisture. The heat content of subbituminous coal ranges from 16 to 24 million Btu per ton as received and averages about 18 million Btu per ton. Subbituminous coal, mined in the western coal fields, is used for generating electricity and space heating.

System (Electric): Physically connected generation, transmission, and distribution facilities operated as an integrated unit under one central management, or operating supervision.

Thermal: A term used to identify a type of electric generating station, capacity, capability, or output in which the source of energy for the prime mover is heat.

Turbine: A machine for generating rotary mechanical power from the energy in a stream of fluid (such as water, steam, or hot gas). Turbines convert the kinetic energy of fluids to mechanical energy through the principles of impulse and reaction, or a mixture of the two.

Uranium: A heavy, naturally radioactive, metallic element with atomic number 92. The two isotopes that occur most frequently are Uranium-235 and Uranium-238. Uranium-235 is the only isotope existing in nature in any appreciable extent that is fissionable by thermal neutrons. Uranium is the basic raw material of nuclear energy. (See Nuclear Fuel.)

Volt: The unit of measurement of voltage, electrical force, or pressure. The electrical force that, if steadily applied to a circuit with a resistance of 1 ohm, will produce a current of 1 ampere. (See Ampere, Current, Ohm.)

Watt: The electrical unit of power. The rate of energy transfer equivalent to 1 ampere flowing under a pressure of 1 volt at unity power factor.

Watthour (Wh): An electrical energy unit of measure equal to 1 watt of power supplied to, or taken from, an electric circuit steadily for 1 hour.

Wind Energy: Energy produced by harnessing the force of the wind. In a wind energy conversion system such as a windmill, the energy of wind is used to turn the shaft of a generator, which in turn usually produces direct current. This direct current is usually converted to alternating current before being fed into a utility grid system.

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